

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS X FILE WATER SANDS LOCATION INSPECTED OIL SUB. REPORT/abd.

*Location Abandoned- Well never drilled- 4-2-81 : 960401 Oper. Nm. Chg.

** Application resubmitted by Diamond Shamrock changing well name

870622 chg of opn up 4-28-87

920113 Maxis to Balcon Oil eff. 11-1-91: 930319 Oper Nm. to Equitable Resources Energy, Balcon Oil Div.

DATE FILED *11-23-79 ** 7-14-82

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. U-3563

INDIAN

DRILLING APPROVED: *11-23-79 **7-16-82

SPOOLED IN: *6-25-82

COMPLETED: **8-29-82 POW PUT TO PRODUCING: 9-2-82

INITIAL PRODUCTION: ** 118 BOPD, 40 MCF, 8 BWPD

GRAVITY API **30 @ 60°

GOR: ** 339

PRODUCING ZONES: ** 4706'- 5596' GR. River

TOTAL DEPTH: ** 5760'

WELL ELEVATION: ** 5388'

DATE ABANDONED

FIELD: WILDECAT MONUMENT BUTTE

UNIT

COUNTY: DUCHESNE

WELL NO. P.O.M.G.-11-17 PAIUTE FEDERAL #11-17

API NO. 43-013-30516

LOCATION 661' FT FROM (N) XX LINE. 664'

FT FROM XX (W) LINE. NW NW

1/4 - 1/4 SEC. 17

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				9S	17E	17	Equitable Res. Energy Balcon Oil Div.

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River Top Oil Shale 1449'	Frontier	Phosphoria	Elbert
Horsebench 2084	Dakota	Park City	McCracken
Base Oil Shale 2981	Burro Canyon	Rico (Goodridge)	Aneth
Garden Gulch 3537	Cedar Mountain	Supai	Simonson Dolomite
Douglas Creek 4535	Buckhorn	Wolfcamp	Sevy Dolomite
Upper Black Shale 5178	JURASSIC	CARBON I FEROUS	North Point
Wasatch Tongue 5368	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Paiute Oil & Mining Corporation

3. ADDRESS OF OPERATOR

1901 Prospector Square, Park City, Utah 84060

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

664' FWL 661' FNL Section 17, T9S, R17E, S.L.B. & M.

At proposed prod. zone

NW NW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

18 miles South of Myton, Utah

15. DISTANCE FROM PROPOSED
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

1308.92

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5388'

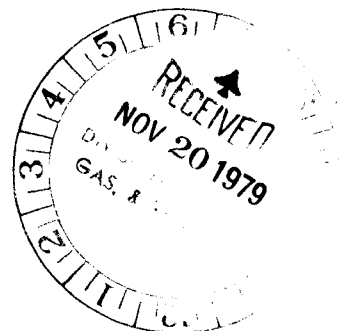
22. APPROX. DATE WORK WILL START*

December 10, 1979

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	36#	300'	250 sacks
7 7/8"	4 1/2"	27#	6000'	400 sacks



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Representative

DATE November 13, 1979

(This space for Federal or State office use)

PERMIT NO.

43-013-30516

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

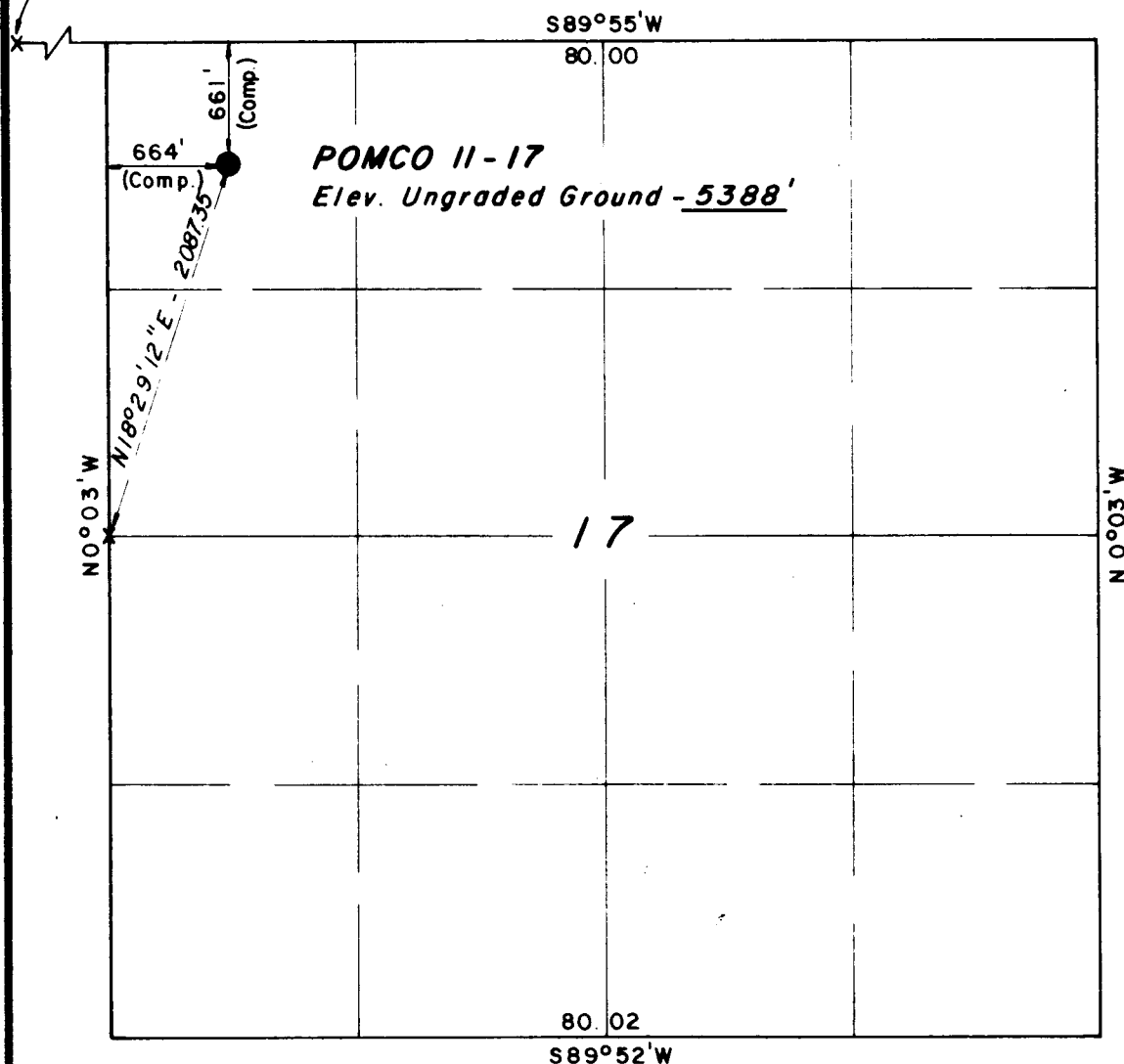
*See Instructions On Reverse Side

T 9 S , R 17 E , S.L.B.&M.

PROJECT
PAIUTE OIL & MINING CORP.

Well location, *POMCO 11-17*, located as shown in the NW 1/4 NW 1/4 Section 17, T9S, R17E, S.L.B.&M. Duchesne County, Utah.

North 1/4 Cor. Sec. 18, T9S, R17E



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Steve Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	11/6/79
PARTY	SS TJ DF RP	REFERENCES	GLO Plat
WEATHER	Cool	FILE	PAIUTE OIL

1. Geological Name of Surface Formation
 - (A) Uinta Formation of Eocene Age
2. Tops of Important Geological Markers
 - (A) Evacuation Creek Member of Upper Green River (Approx 2600 Ft.)
 - (B) Douglas Creek Member of Basal Green River Formation (Approx. 5100 Ft.)
3. Estimated Depths of Anticipated Water, Oil or Gas
 - (A) Gas anticipated at 2600 Ft. in Evacuation Creek Member
(Water or Oil not anticipated)
 - (B) Oil anticipated in Basal Green River Formation (Douglas Creek)
at 5100' to 5600'
4. Proposed Casing Program
 - (A) 300 Ft. of 9 5/8" surface casing A.P.I. 36 Lbs. per Ft. (J-33),
5100 Ft. of 4 1/2" A.P.I. 27 Lbs. per Ft. (J-55). All pipe to be
purchased as new.
5. Specifications For Pressure Control Equipment
 - (A) 8 inch series 900 Double Hydraulic B.O.P. with Pipe Rams and Blind
Rams.
 - (B) B.O.P. to be pressure tested before spudding and daily testing of
closing units and rams while drilling.
6. Proposed Circulating Medium
 - (A) Brine water is proposed to be used unless additional weight is
needed to control pressures or heaving shale. In this event a
chemical-gel fresh water mud will be used and Barite as needed to
control pressure.
7. Auxiliary Equipment To Be Used
 - (A) Upper Kelly Cock
 - (B) Float at Bit
 - (C) Floor T.I.W. Valve (stabbing valve) for drill pipe
 - (D) Gas Detector Logging Unit

8. Testing, Logging And Coring Program

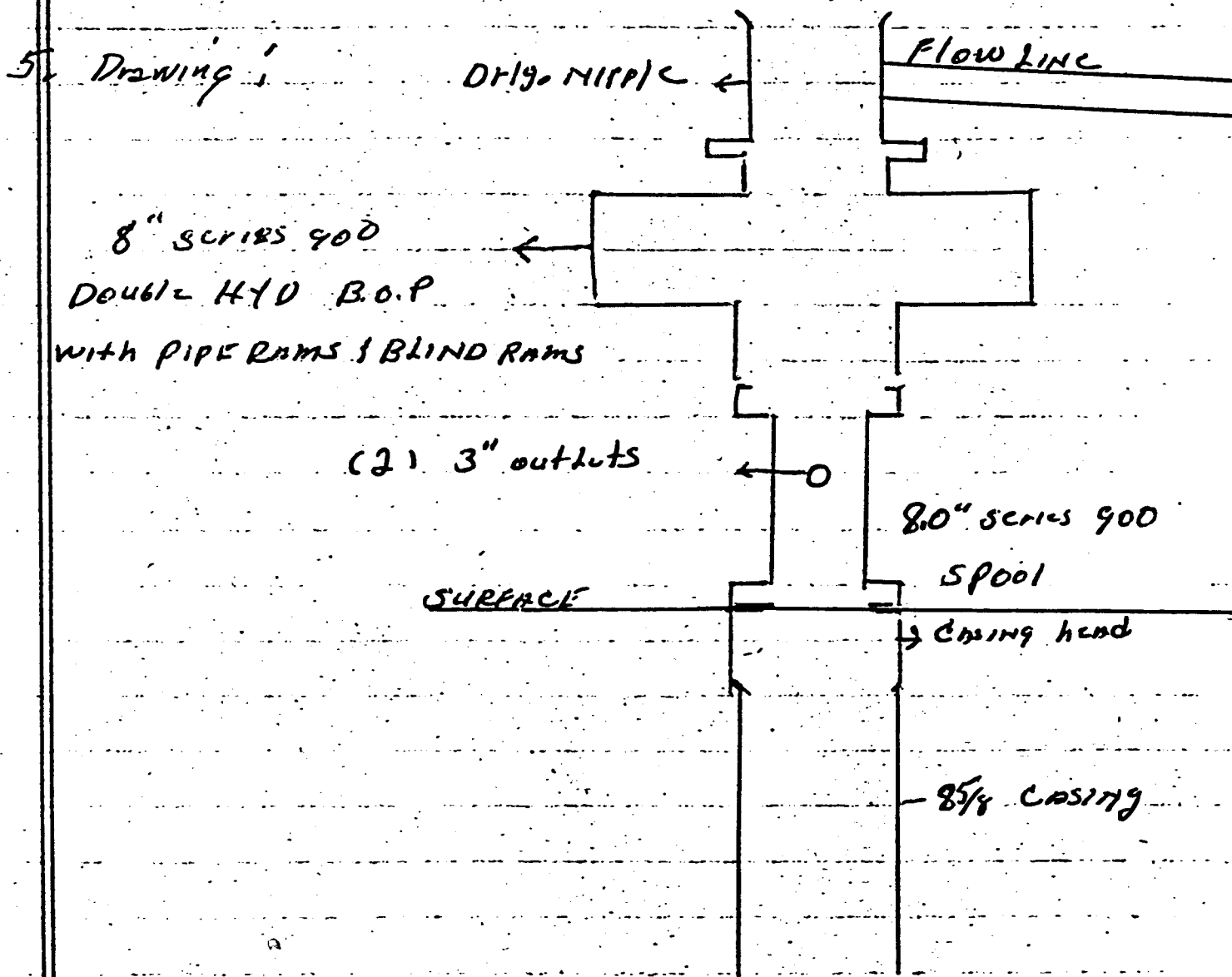
- (A) Drill Stem Test of Evacuation Creek and Douglas Creek
- (B) Will Run Gamma-Neutron, Caliper, and Density Logs (Density Log is Optional)

9. Anticipated Abnormal Pressures, Temperatures or Hazards.

- (A) No abnormal pressures expected
- (B) No Hydrogen Sulfide Gas expected

10. Starting Date And Duration Of Operations

- (A) Anticipated starting date March 30, 1979 for Well #1, April 30, 1979 for Well #2, May 30, 1979 for Well #3, June 30, 1979 for Well #4, and July 30, 1979 for Well #5
- (B) Each well is anticipated to be drilled in approximately 30 days.



Paiute Oil & Mining Corporation

13 Point Surface Use Plan

For

Well Location

P.O.M.C.O. 11-17

Located In

Section 17, T9S, R17E, S.L.B. & M.

Duchesne County, Utah

Paiute Oil & Mining Corporation
P.O.M.C.O. 11-17
Section 17, T9S, R17E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Paiute Oil & Mining Corporation well location, P.O.M.C.O. 11-17, located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 17, T9S, R17E, S.L.B. & M., Duchesne County, Utah; proceed Southwesterly out of Myton, Utah along U.S. Highway 40, 1.5 miles to the junction of this Highway and Utah State Highway 53-216, to the South; proceed Southerly along this Highway 1.5 miles more or less, to the intersection of Utah State Highway 53 and Utah State Highway 216, thence proceed Southeasterly along Utah State Highway 216, 11.5 miles to the junction of this road and an existing dirt oil field service road to the Southwest; proceed Southwesterly along this service road 1.1 miles to the point at which the planned access road (to be discussed in Item #2) leaves the existing road and proceeds in a Southeasterly direction.

The Highway mentioned in the foregoing paragraph are bituminous surfaced roads up to the intersection of Utah State Highways 53 and 216, at which point Utah State Road 216 is constructed out of existing native materials that are prevalent to the existing areas it is located in and ranges from clay to a sandy-clay shale material, as are the afore mentioned dirt oil field service roads and other roads in the vicinity.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of the well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing service road in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 17, T9S, R17E, S.L.B. & M., and proceeds in an Easterly direction for a distance of 150' more or less to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

This proposed access road will be an 18' crown road (' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. There will be no culverts required along this access road.

Back slopes along the cut area of the road will be 1 $\frac{1}{2}$ to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

Paiute Oil & Mining Corporation
P.O.M.C.O. 11-17
Section 17, T9S, R17E, S.L.B. & M.

2. PLANNED ACCESS ROAD - continued

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges or at intervals and location that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet ends.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The vegetation along this route consists of sparse amounts of sagebrush, rabbitbrush, some grasses and cacti with large areas that are devoid of vegetation.

3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

There are no known abandoned wells, water wells, disposal wells, drilling wells, shut in wells, injection wells, monitoring or observation wells for other resources within a one mile radius of this location site.

There are however, 5 producing wells within a one mile radius of the proposed location site. See Topographic Map "B" for their location.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are no Paiute Oil & Mining Corp. tank batteries, production facilities, oil gathering lines, gas gathering lines, injection lines, or disposal lines within a one mile radius of this location site.

In the event that production is established, plans for a flowline from this location to existing lines in the area will be submitted to the proper authorities and the existing area of the location will be utilized for the establishment of the necessary production facilities.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

Paiute Oil & Mining Corporation
P.O.M.C.O. 11-17
Section 17, T9S, R17E, S.L.B. & M.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES - continued

These facilities will be constructed using bulldozers, graders, and workman crews to construct and place the proposed facilities.

If there is any deviation from the above, all appropriate agencies will be notified.

Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Item #10.

5. LOCATION OF AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled by truck from the Duchesne River, at a point where Highway 40 crosses it North of Myton, Utah approximately 16 miles to the Northeast from the proposed location site.

In the event that the above sources is not used other arrangements will be made with the proper authorities for an alternate source.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

There will be no water well drilled at this location site.

6. SOURCES OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during the construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of a sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. Non-flammable materials such as cuttings, salts, chemicals, etc., will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

A trash basket will be provided for flammable waste. Disposal will be at the nearest sanitary land fill.

Paiute Oil & Mining Corporation
P.O.M.C.O. 11-17
Section 17, T9S, R17E, S.L.B. & M.

8. ANCILIARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #6, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a basin that lies between the Book Cliff Mountains to the South and the Uintah Mountains to the North. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstones, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial streams and flow to the Southeast and are tributaries to the Green River.

The soils of the semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial, Sandstone, Mudstone) from the Eocene and Quaternary Epoch (gravels surfaces) and the visible geologic structures consist of light brownish clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with

Paiute Oil & Mining Corporation
P.O.M.C.O. 11-17
Section 17, T9S, R17E, S.L.B. & M.

11. OTHER INFORMATION - continued

outcrops of rock (sandstone, mudstone, conglomerates, and shales).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses, and cacti, and large areas of bare soils devoid of any growth. In the areas that are formed along the edges of perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses and cacti can be found.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area (See Topographic Map "B")

P.O.M.C.O. 11-17 Location site sits on a relatively flat area which is part of what is known as Pariette Bench. The Green River is located approximately 11 miles to the East of the location.

The geologic structure of the location is of the Uinta Formation and consists of light brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the East through the location to the West at approximately a 2% grade.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

Paiute Oil & Mining Corporation
P.O.M.C.O. 11-17
Section 17, T9S, R17E, S.L.B. & M.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Olin Glover
Paiute Oil & Mining Corporation
1901 Prospector Square
P.O. Box 1329
Park City, Utah 84060

Telephone: 649-8212

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Paiute Oil & Mining Corporation and its contractors and sub-contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

November 13, 1979
DATE



Drilling and Production Superintendant

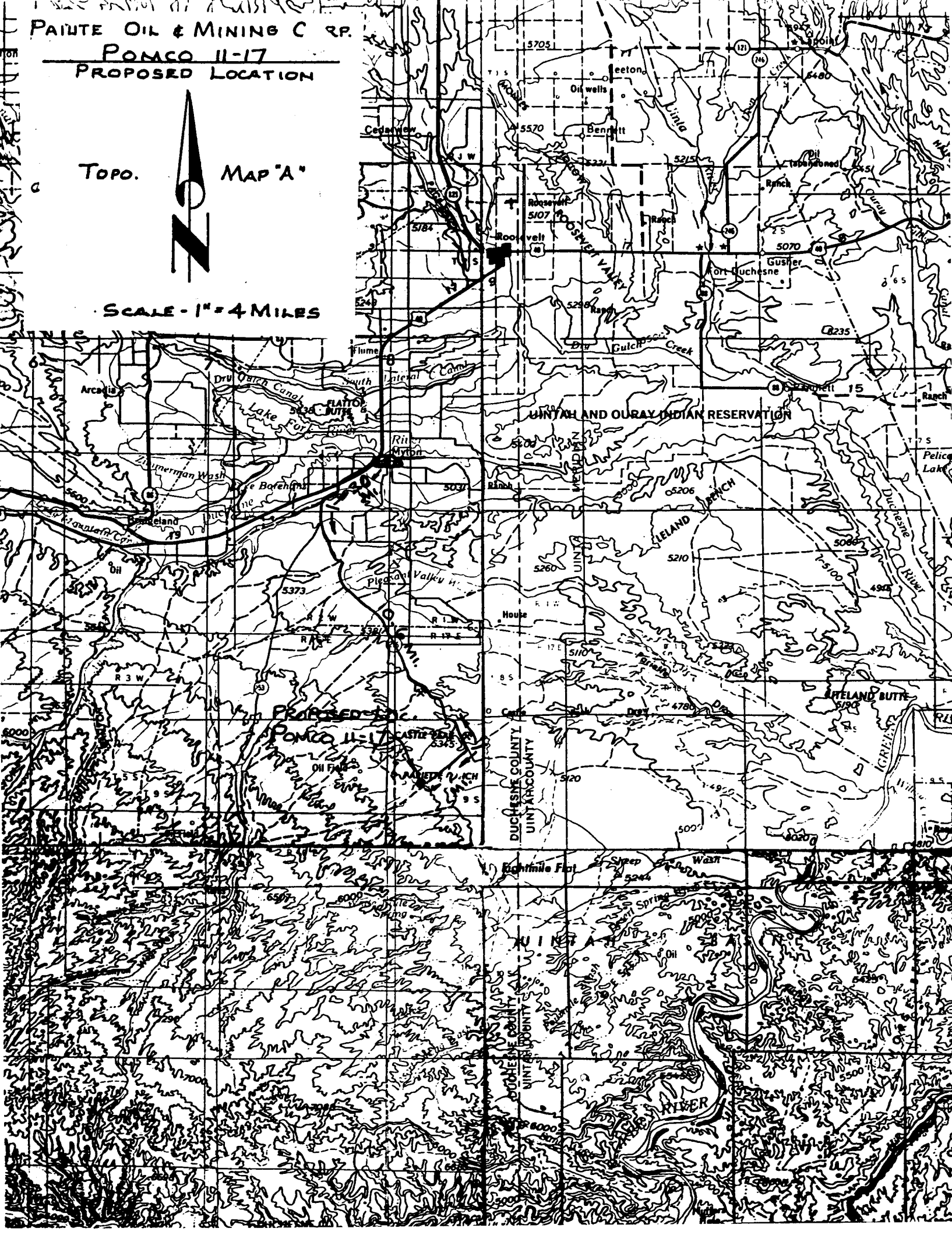
PAINTED OIL & MINING C. R. P.

POMCO II-17
PROPOSED LOCATION

TOPO.

MAP "A"

SCALE - 1" = 4 MILES



POMCO II-17
PROPOSED LOCATION

TOPO.

MAP "B"

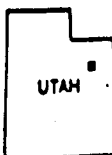
SCALE - 1" = 2000'

ROAD CLASSIFICATION

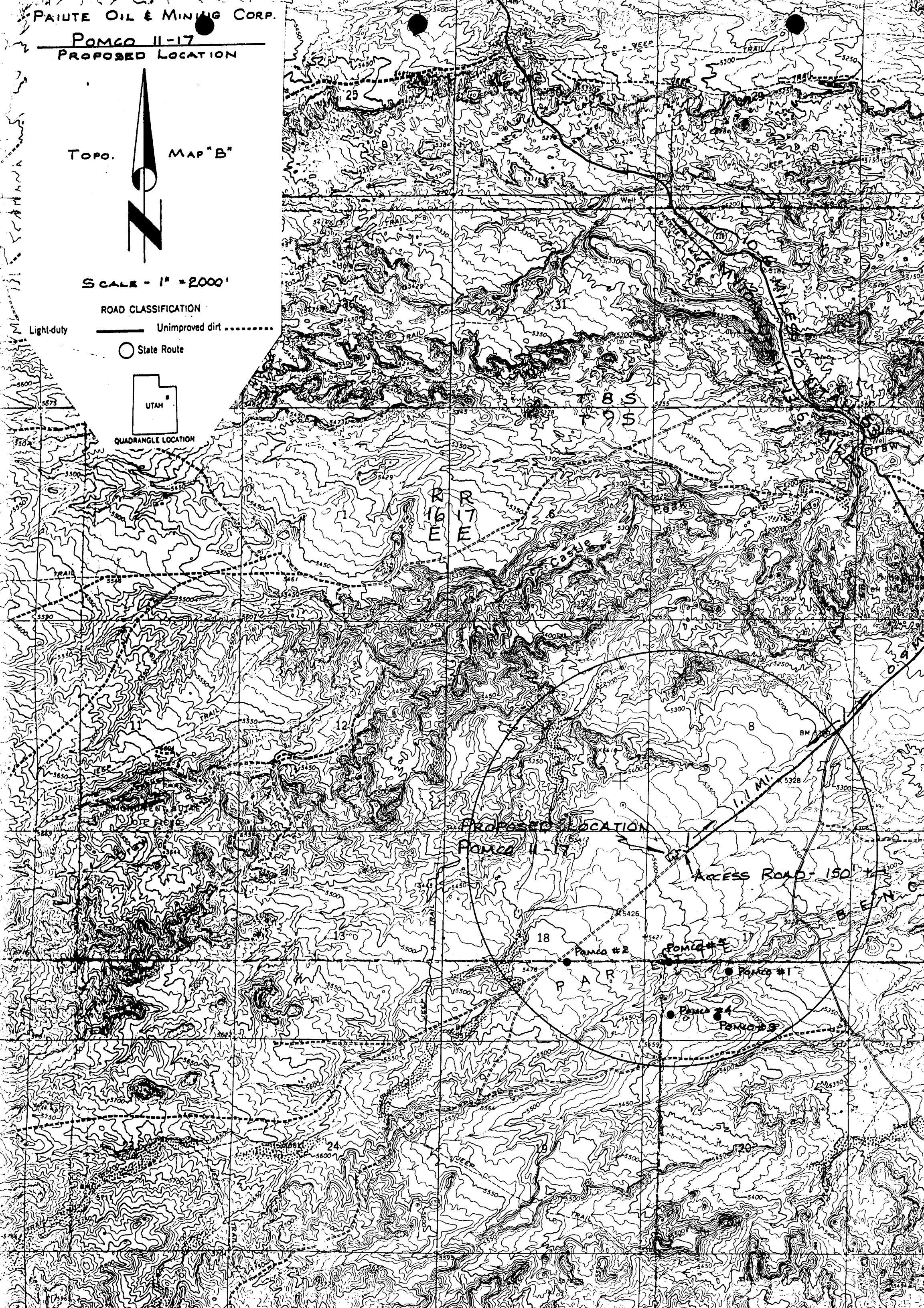
Light-duty

Unimproved dirt

State Route

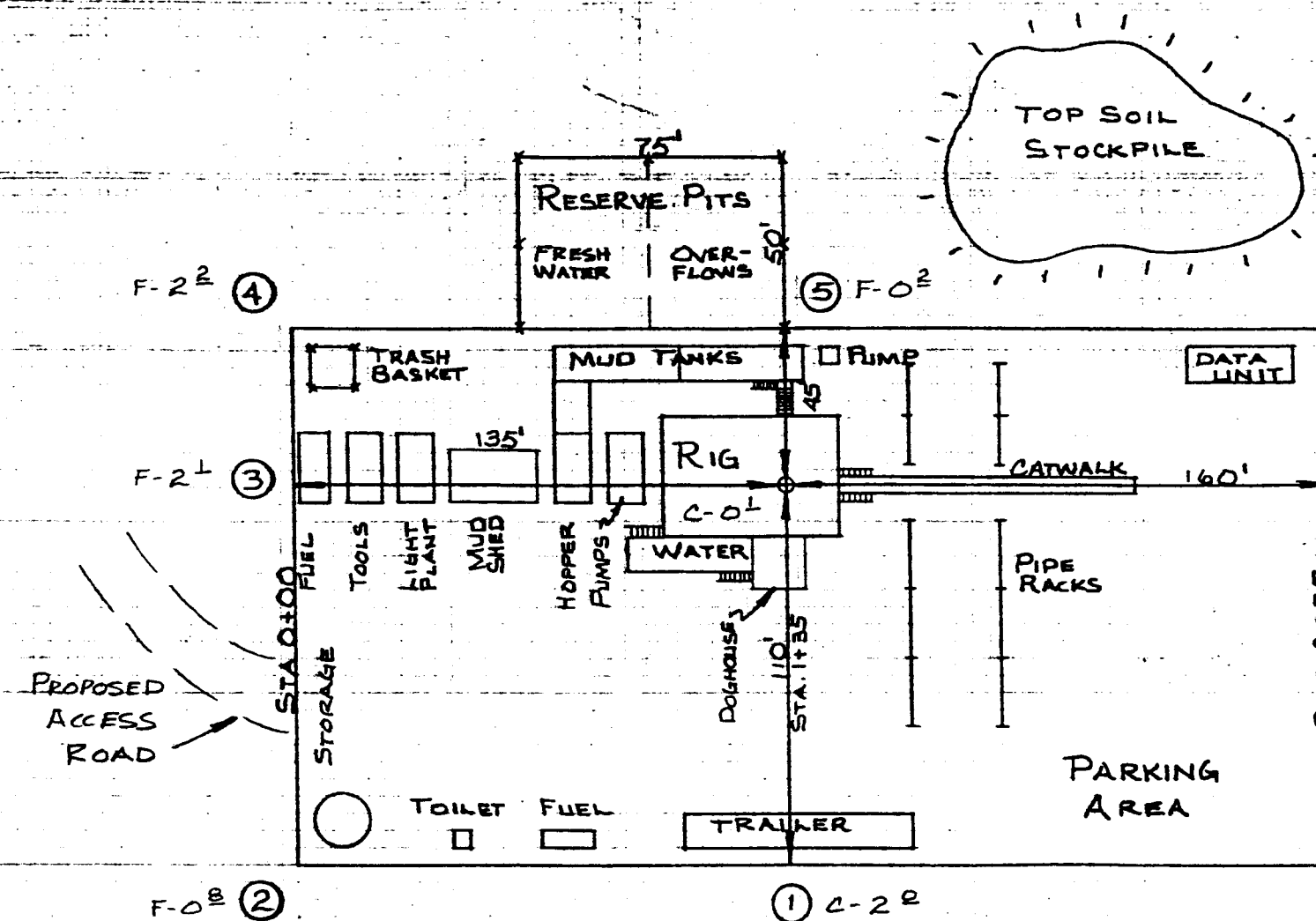


QUADRANGLE LOCATION



PAUTE OIL & MINING CORP.

POMCO 11-17

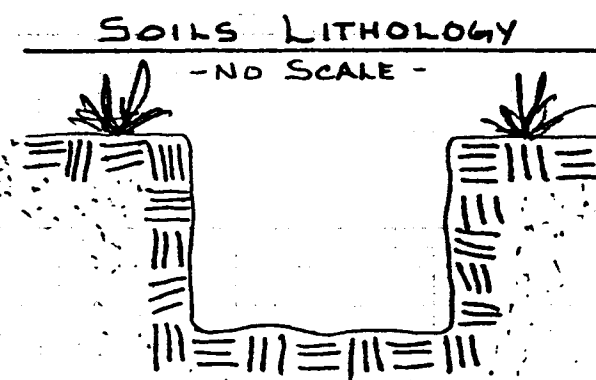
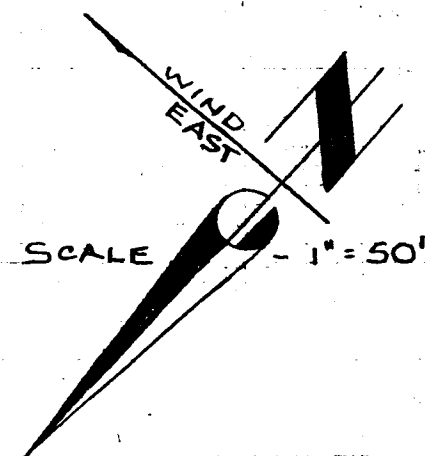
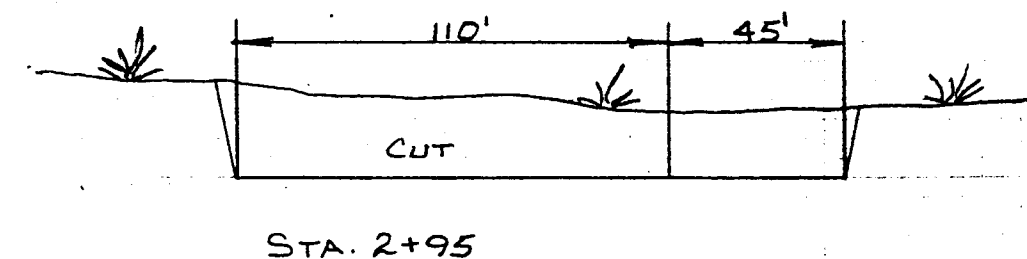
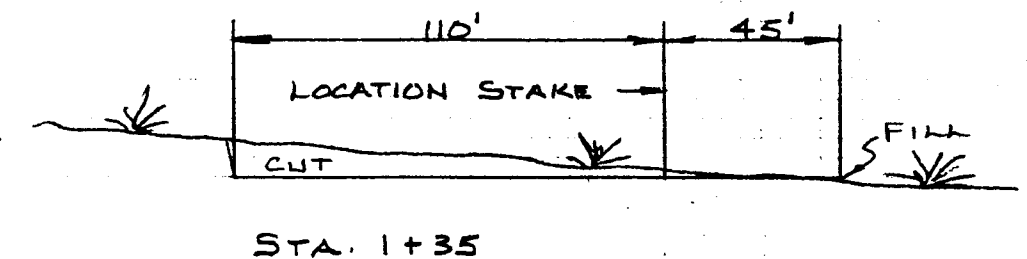
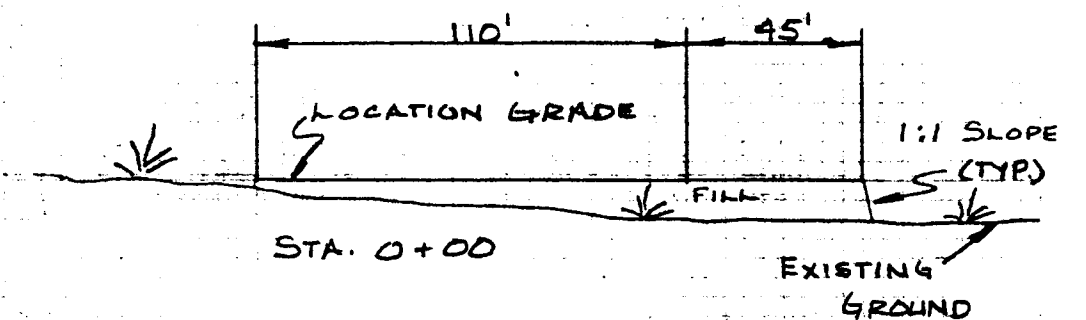


⑥ C-35

⑦ C-34

⑧ C-42

CROSS SECTIONS



LIGHT BROWN SANDY CLAY

10' = 1"

SCALES

1" = 50'

STA. 2+95

APPROX. YARDAGES

CUT - 2,491 CU. YDS.

FILL - 675 CU. YDS.

** FILE NOTATIONS **

DATE: Nov 20, 1979

Operator: Pailte Oil & Mining Corp.

Well No: P.O.M.C.O # 11-17

Location: Sec. 17 T. 9S R. 17E County: Duchesne

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

☒ API Number 43-03-30516

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: 7

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☒

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation 3rd

Plotted on Map ☒

Approval Letter Written ☒

WLM

#1
We
PI

November 29, 1979

Palute Oil and Mining
1901 Prospector Square
Park City, Utah. 84060

Re: Well No. POMCO #9-7, Sec. 7, T. 9S, R. 17E., Duchesne County, Utah
Well No. POMCO #10-7, Sec. 7, T. 9S, R. 17E., Duchesne County, Utah
Well No. POMCO #11-17, Sec. 17, T. 9S, R. 17E., Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil wells is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

MICHAEL T. HINDER
Geological Engineer
Office: 5335771
Home: 876-3001
Home

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The APT numbers assigned to these wells are #9-7 - 43-013-30514;
#10-7 - 43-013-30515; #11-17 - 43-013-30516.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Hinder
Geological Engineer

/b:tm

cc: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DUPLICATE COPY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			LEASE DESIGNATION AND SERIAL NO.	
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			11-3563	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Painte Oil & Mining Corporation			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1901 Prospector Square, Park City, Utah 84060			8. FARM OR LEASE NAME P.O.M.C.O.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 664' FWL 661' FNL Section 17, T9S, R17E, S.L.B. & M. At proposed prod. zone			9. WELL NO. 11-17	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 18 miles South of Myton, Utah			10. FIELD AND POOL, OR WILDCAT Wildcat	
16. NO. OF ACRES IN LEASE 1308.92			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 17, T9S, R17E, S.L.B. & M.	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			12. COUNTY OR PARISH Duchesne	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 6000'			13. STATE Utah	
20. ROTARY OR CABLE TOOLS Rotary			22. APPROX. DATE WORK WILL START* December 10, 1979	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5388'				

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	36#	300'	250 sacks
7 7/8"	4 1/2"	27#	6000'	400 sacks

RECEIVED

FEB 13 1980

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYDIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Oliver H. Lane TITLE Representative DATE November 13, 1979
(This space for Federal or State office use)PERMIT NO. _____ APPROVAL DATE _____
(ORIG. SGD.) E. W. GUYNN
APPROVED BY _____ TITLE DISTRICT ENGINEER DATE FEB 08 1980
CONDITIONS OF APPROVAL, IF ANY:State of Utah, Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

*See Instructions On Reverse Side

NOTICE OF APPROVAL

Utah State Oil & Gas

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION
FROM: : DISTRICT GEOLOGIST, M~~ON~~ SALT LAKE CITY, UTAH
TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH
SUBJECT: APD MINERAL EVALUATION REPORT LEASE NO. U-3563
OPERATOR: Parute Oil & Mining Corporation WELL NO. 11-17
LOCATION: 1/4 NW 1/4 NW 1/4 sec. 17, T. 9S, R. 17E, SLM
Duchesne County, Utah

1. Stratigraphy: Elevation 5388

Uinta	Surface.
Green River	1400 (+4000)
Evacuation Creek	2200 (+3388)
Douglas Creek	4688 (+700)

2. Fresh Water: None anticipated

3. Leasable Minerals:

Valuable for oil shale in the Green River
Mahogany bed at ~ 3200'.

4. Additional Logs Needed: A resistivity log would be desirable.

5. Potential Geologic Hazards: Lost circulation may occur below rich oil shale
layers.

6. References and Remarks:

1/2 mile from Monument Butte KGS.
U.S. G.S. files, SLC. Utah

Signature: J. Paul Matheny Date: 12 - 14 - 79

Oil and Gas Drilling

EA No. 092-80

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Usual Environmental Analysis

Lease No. U-3563

Operator: Paiute Oil and Mining Corporation Well No. 11-17

Location: 664' ^{FNL} ~~FNL~~ & 661' FNL Sec.: 17 T.: 9S. R.: 17E.

County: Duchesne State: Utah Field: Wildcat

Status: Surface Ownership: Public Minerals: Federal

Joint Field Inspection Date: November 30, 1979

Participants and Organizations:

Greg Darlington	USGS-Vernal
Bill Arnold	BLM-Vernal
Gene Stewart	Paiute Oil and Mining Corp.
Bert Greenhow	TWT Exploration
Rick Robbins	Robbins Construction Company

Related Environmental Analysis and References:

(1) Unit Resource Analysis, Duchesne Planning Unit, BLM, Vernal

Analysis Prepared by: Greg Darlington	Reviewed by: George Diwachak
Environmental Scientist	Environmental Scientist
Vernal, Utah	Salt Lake City, Utah

Date: December 4, 1979

tm

Noted - G. Diwachak

Access to topsoil stable
Change
Pit 15' x 20' 5"
Pit 50' x 75'
100' x 14' with numerous
flow line rut in
stacked topsoil
12/10/79
A. - C.

Proposed Action:

On November 14, 1979, Paiute Oil and Mining Corporation filed an Application for Permit to Drill the No. 11-17 exploratory well, a 6000 ft. oil and gas test of the Green River Formation; located at an elevation of 5388 ft. in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 17, T. 9S., R. 17E. on Federal mineral lands and public surface; lease No. U-3563. There was no objection raised to the wellsite. The access road would enter the pad from the opposite side to that indicated in the layout diagram. Also topsoil would be stockpiled near corner 8 rather than between the pad and maintained road as indicated on the layout diagram.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the USGS District Office in Salt Lake City, Utah and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the BLM, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 155 ft. wide x 295 ft. long and a reserve pit 50 ft x 75 ft. A new access road would be constructed 18 ft. wide x 100 ft. long from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad.

If sufficient gas production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is December 1979 and duration of drilling activities would be about 30 days.

Location and Natural Setting:

The proposed drill site is approximately 17 miles South of Myton, Utah, the nearest town. A fair road runs to within 100 feet of the location. This well is a wildcat well.

Topography:

The location is on a fairly flat plain. No rock outcroppings are present at the site.

Geology:

The surface geology is the Uintah Formation of Eocene Age.

The soil is a sandy clay with shale and sandstone gravels.

No geologic hazards are known near the drillsite.

Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydro-carbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 1.2 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rain fall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8".

Winds are medium and gusty, occurring predominately from West to East. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The area drains through non-perennial streams and washes to the Green River which is located approximately 11 miles to the East of the location.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the

well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants in the area are shad scale, cacti and some salt-desert-shrub types.

Proposed action would remove about 1.2 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

An animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect on one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are becoming significant in Duchesne County.

But should this well discover a significant new hydrocarbon source, local, state, and possible national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Duchesne Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash cage would be utilized for any solid wastes generated at the site and would be hauled away at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

(1) Not approving the proposed permit-The oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabili-

tation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Mitigative Measures and Stipulations:

Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.

- A. Any needed revisions to the 10-Point plan will be submitted to the USGS, Salt Lake City District Office.
- B. A new access road of about 100 ft. length by 18 ft. width would be constructed from the existing maintained road. This would enter the pad at the parking area.
- C. Topsoil would be stockpiled by corner 8 near the access road proposed at the onsite, rather than between the pad and maintained road as indicated on the original layout diagram. Topsoil will not be used for tank batteries.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 1.2 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic


formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Green River. The potential for pollution to the Green River would exist through leaks and spills.

Finding of No Significant Impact:

We have considered the proposed Paiute Oil and Mining Corporation Well No. 1117 in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

I determine that the proposed action as modified by the recommended approval conditions does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102(2)(C).


District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

12/26/79
Date



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE MCINTYRE

November 24, 1980

Paiute Oil & Mining Corp.
1901 Prospector Square
Park City, Utah 84060

RE: SEE ATTACHED SHEET FOR WELLS
DUE.

Gentlemen:

In reference to above mentioned well(s), considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well (these wells), please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

DEBBIE BEAUREGARD
CLERK TYPIST

SHEET ATTACHMENT

- (1) P.O.M.C.O. #6-18
Sec. 18, T. 9S, R. 17E,
Duchesne County, Utah
- (2) P.O.M.C.O. #7-18
Sec. 18, T. 9S, R. 17E,
Duchesne County, Utah
- (3) P.O.M.C.O. #8-18
Sec. 18, T. 9S, R. 17E,
Duchesne County, Utah
- (4) P.O.M.C.O. #9-7
Sec. 7, T. 9S, R. 17E,
Duchesne County, Utah
- (5) P.O.M.C.O. #10-7
Sec. 7, T. 9S, R. 17E,
Duchesne County, Utah
- (6) P.O. M.C.O. #11-17
Sec. 17, T. 9S, R. 17E,
Duchene County, Utah
- (7) P.O.M.C.O. #13-6
Sec. 6, T. 10S, R. 17E,
Duchesne County, Utah
- (8) P.O.M.C.O. #25-16
Sec. 25, T. 9S, R. 17E,
Duchesne County, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYMINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED
MAY 28 1982
SALT LAKE CITY, UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

DIAMOND SHAMROCK CORPORATION

801-789-5270

3. ADDRESS OF OPERATOR

85 South 200 East Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

664' FWL 661' FNL Section 17, T9S, R17E, S.L.B. & M.

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

18 Miles South of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

1308.92

17. NO. OF ACRES ASSIGNED

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5388'

22. APPROX. DATE WORK WILL START*

June 15, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

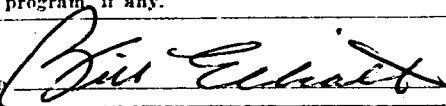
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24# K55	250'	Circulate to Surface
7 7/8"	5 1/2"	15.5# K55	T.D. 6000'	Circulate to Surface

Drill 12 1/2" hole to 250' set 8 5/8" casing, set up B.O.P.
as required and pressure test. Drill 7 7/8" hole to approx-
imately 6000' if production is found to be feasible set 5 1/2"
production casing.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any.

24.

SIGNED



TITLE District Superintendent

DATE May 26, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY



for

E. W. Guynn

TITLE

District Oil & Gas Supervisor

DATE

JUN 17 1982

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

NOTICE OF APPROVAL

*See Instructions On Reverse Side

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

United States Department of the Interior
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Diamond Shamrock Corporation
Project Type Oil Well
Project Location 664' FWL 661' FNL Section 17, T.9S., R.17E.
Well No. 11-17 Lease No. U-3563-A
Date Project Submitted May 28, 1982

FIELD INSPECTION

Date June 15, 1982

Field Inspection
Participants

Greg Darlington - MMS, Vernal
Gary Slagel - BLM, Vernal
Bill Elliott - Diamond Shamrock
Floyd Murray - D.E. Casada
Gene Stewart - Uintah Engineering

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

June 16, 1982
Date Prepared

Greg Darlington
Environmental Scientist

I concur

JUN 17 1982
Date

W. P. Matthes
District Supervisor
FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

Proposed Actions :

Diamond Shamrock plans to drill the Pasate Federal # 11-17 well, a 6000' oil test of various formations. A new access road of about 150' length is planned. Plans indicate a pad of dimensions 135' by 325' with a reserve pit 75' by 150' for the location.

Recommended Approval Conditions:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD :

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: June 15, 1982

Well No.: 11-17

Lease No.: U-3563-A

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: Approved as requested
rearrange topsoil per BLM strips

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Good location.

if they were to flow gas it should be rotated.
I think any gas encountered will be of limited
quantity perhaps enough to run one pump jack motor.
D.L. 92-80

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	June 15 1982	
Unique charac- teristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/ threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6	↓	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the items 1-7.*



United States Department of the Interior

IN REPLY REFER TO

T & R
U-80]

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

June 16, 1982

Ed Guynn, District Engineer
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84014

Re: Joint Onsite Inspection
Diamond Shamrock Corporation
T9S, R17E, Sec. 7: Pauite
Federal #24-7
T9S, R17E, Sec. 17: Pauite
Federal #11-17
T9S, R17E, Sec. 18: Pauite
Federal #11-18
Pauite Federal #22-18,
Pauite Federal #42-18
T9S, R19E, Sec. 17, Pariette
Bench #32-17.

Dear Mr. Guynn:

On June 15, 1982, a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Diamond Shamrock, Casada Construction, MMS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations.

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 Point Plan. Our office recommends the top 6-10 inches of topsoil material be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. No trash will be thrown in the reserve pit. All trash must be contained and hauled to the nearest sanitary landfill.

7. All permanent (on site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earth tone color to match Tnemec 23-08351 Mesa Brown Endura-tone or an approved equal. All facilities shall be painted 6 months of when the production facilities are put in place. Facilities that are required to comply with OSHA (Occupational Safety and Health Act) standards are excluded.
8. Reserve pits will be fenced with a wire mesh fence topped with at least one strand of barbed wire.
9. At Pauite Federal #11-17, topsoil will be stockpiled between points 1 and 8.
10. At Pauite Federal #42-18, the entire location will be moved 100' northwest. The topsoil will be stockpiled on each end of the location between points 2 and 3 and 7 and 8.
11. At locations Pauite Federal #11-18 and Pauite Federal #22-18, the topsoil will be stockpiled on both end of the location between points 2 and 3 and 7 and 8.
12. At location Pariette Bench #32-17 topsoil will be stockpiled between points 2 and 3.

An archaeological clearance has been conducted by Archaeological-Environmental Research Corporation of the proposed drill sites and access roads. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardized listed, threatened or endangered flora/fauna or their habitats.

Sincerely,

Timothy R. C. B. Heft
Ralph J. Heft
Acting Area Manager
Diamond Mountain Resource Area

cc: MMS, Vernal

Conservation Division
Administration Building
2201 West 1700 South
Salt Lake City, Utah 84104

1977: 1980

[illegible]

7950

2. 1990

2. The proposed... wells are...
B.
C.
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confirming that no surface disturbance
exists. Any surface disturbance associated
with the well is to be rehabilitated. A
report of the inspection must be submitted. Your
cooperation is appreciated.

1963

John E. Smith, et. A. Harris

State of Ohio (B
1966-1967
APD

 $R_{\text{eff}} / \text{tm}$

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

NAME OF COMPANY: DIAMOND SHAMROCK

WELL NAME: PAIUTE FEDERAL 11-17

SECTION NWNW 17 TOWNSHIP 9S RANGE 17E COUNTY DUCHESNE

DRILLING CONTRACTOR TWT DRILLING

RIG # 56

SPODDED: DATE 06-25-82

TIME 2:15 PM

How ROTARY

DRILLING WILL COMMENCE _____

REPORTED BY FRANK MILLER

TELEPHONE # 307-266-1882

DATE 06-28-82 SIGNED SLC

21
HOTLINE

NOTICE OF SPUD

Company: Diamond Shamrock

Caller: Frank Driller

Phone: 307-266-1882

Well Number: Piute Fed. 11-17

Location: NW 11W 17-9S-17E

County: Muchness State: Utah

Lease Number: _____

Lease Expiration Date: 2:15 PM 6-25-82

Unit Name (If Applicable): _____

Date & Time Spudded: _____

Dry Hole Spudded Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) _____

8 7/8" casing 276.91'

cont w/ 200 x 25

Rotary Rig Name & Number: TWP Drilling # 56

Approximate Date Rotary Moves In: 6-24-82

FOLLOW WITH SUNDRY NOTICE

Call Received By: Al Loria

Date: 6-28-82

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR
Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR
5730 W. Yellowstone Hwy. Casper, Wyo. 82604

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 664' FWL, 661' FNL NW/NW
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

(other) Notification of Spud

5. LEASE

U-3563-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Paiute Federal

9. WELL NO.

11-17

10. FIELD OR WILDCAT NAME

Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 17, T9S, R17E, S.L.B.M.

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

5388' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details; and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spudded @ 2:15 p.m. on June 25, 1982. Drilled 12 1/2" hole and set 8 5/8", 24#, K-55, casing @ 276.91' KB. Cemented with 200 sxs. Drilling contractor is TWT Rig #56.

RECEIVED
JUL 02 1982
DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Wes L. Fisher TITLE Dist. Drlg. Supt DATE 6-29-82

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(12/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-3562
Communitization Agreement No. ---
Field Name Field M.B.
Unit Name ---
Participating Area ---
County Duchesne State Utah
Operator Diamond Shamrock Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of June, 1982


(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
11-17	17 NW/NW	9S	17E	DRG.	6-25	RURT and Drill to 276'			Paiute Federal 11-17 6/30/82 30516

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced			
*Sold			XXXXXXXXXXXXXXXXXX
*Spilled or Lost		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXX
*Used on Lease			XXXXXXXXXXXXXXXXXX
*Injected			
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	
*Other (Identify)			
*On hand, End of Month		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content			XXXXXXXXXXXXXXXXXX
Authorized Signature: 	Address: 5730 W. Yellowstone Casper, Wyo.		
Title: <u>Asst. Dist. Drlg. Supt.</u>	Page _____ of _____		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

DIAMOND SHAMROCK CORPORATION

3. ADDRESS OF OPERATOR

85 South 200 East Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

664' FWL 661' FNL Section 17, T9S, R17E, S.L.B. & M.

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

18 Miles South of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

1308.92

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

19. PROPOSED DEPTH

6000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5388'

22. APPROX. DATE WORK WILL START*

June 15, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24# K55	250'	Circulate to Surface
7 7/8"	5 1/2"	15.5# K55	T.D. 6000'	Circulate to Surface

Drill 12 1/2" hole to 250' set 8 5/8" casing, set up B.O.P.
as required and pressure test. Drill 7 7/8" hole to approx-
imately 6000' and pressure test. If feasible set 5 1/2" casing
production casing.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 7/16/82BY: [Signature]

JUL 14 1982

DIVISION OF
OIL, GAS, AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED _____

TITLE District SuperintendentDATE May 26, 1982

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

T 9 S , R 17 E , S . L . B . & M .

PROJECT
DIAMOND SHAMROCK CORP.

Well location, *Paute Fed. # 11-17*, located as shown in the NW 1/4 NW 1/4 Section 17, T9S, R17E, S.L.B.&M. Duchesne County, Utah.

North 1/4 Cor. Sec. 18, T9S, R17E

S89°55'W

80.00

PAUTE FED. # 11-17

Elev. Ungraded Ground - 5388'

664'

(Comp.)

661'

(Comp.)

2087.35'

N18°29'12"E

N0°03'W

17

N0°03'W

80.02

S89°52'W



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	5/27/82
PARTY	RT MD RP	REFERENCES	GLO Plat
WEATHER	Cool	FILE	DIAMOND SHAMROCK

X = Section Corners Located

1. Geological Name of Surface Formation

(A) Uinta Formation of Eocene Age

2. Tops of Important Geological Markers

(A) Evacuation Creek Member of Upper Green River (Approx. 2600 Ft.)

(B) Douglas Creek Member of Basal Green River Formation (Approx. 5100 Ft)

3. Estimated Depths of Anticipated Water, Oil or Gas

(A) Gas anticipated at 2600 Ft. in Evacuation Creek Member
(Water or Oil not anticipated)

(B) Oil & Gas anticipated in Basal Green River Formation (Douglas Creek)
at 5100' to 5600'

4. Proposed Casing Program

(A) 300 Ft. of 8 5/8" Surface casing 24# K55 and 5100' of 5 1/2" 15.5# K55
production casing. All pipe to be purchased as new.

5. Specifications For Pressure Control Equipment

(A) 8" series 900 Double Hydraulic B.O.P. with pipe Rams and Blind Rams

(B) B.O.P. to be pressure tested before spudding and daily testing of
closing units and rams while drilling.

6. Proposed Circulating Medium

(A) Brine water is proposed to be used unless additional weight is
needed to control pressure of heaving shale. In this event a chemical
gel fresh water mud will be used and Barite as needed to control pressure.

7. Auxiliary Equipment to Be Used

(A) Upper Kelly Cock

(B) Float at Bit

(C) Floor T.I.W. Valve (stabbing valve) for drill pipe

(D) Gas Detector Logging Unit

8. Testing, Logging and Coring Program

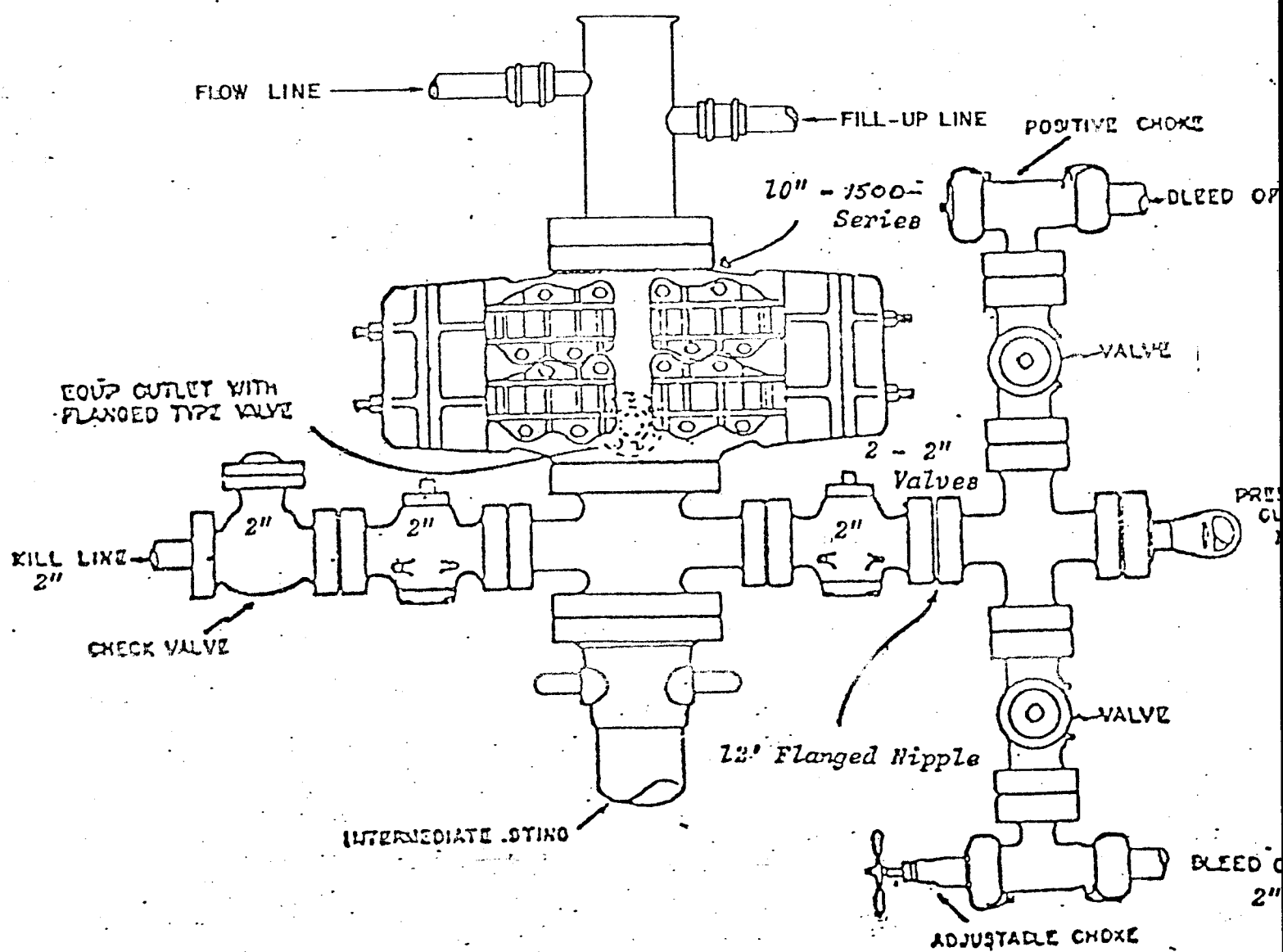
- (A) Drill Stem Test of Evacuation Creek and Douglas Creek
- (B) Will Run Gamma-Neutron, Caliper, and Density Logs (Density Log is Optional)

9. Anticipated Abnormal Pressures, Temperatures or Hazards

- (A) No abnormal pressures expected
- (B) No Hydrogen Sulfide Gas Expected

10. Starting Date And Duration of Operations

- (A) Anticipated starting date June 15, 1982
- (B) Each well is anticipated to be drilled in approximately 30 days.



NOTE: BLOWOUT PREVENTER HAS DOUBLE RAMS;
ONE BLIND AND ONE PIPE RAM.

Diag. A

DIAMOND SHAMROCK CORPORATION

13 Point Surface Use Plan

For

Well Location

Piaute Fed. #11-17

Located In

Section 17, T9S, R17E, S.L.B. & M.

Duchesne County, Utah

DIAMOND SHAMROCK CORPORATION
Piaute Fed. #11-17
Section 17, T9S, R17E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach DIAMOND SHAMROCK Corporation well location, Piaute Fed. #11-17 located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 17, T9S, R17E, S.L.B. & M., Duchesne County, Utah; proceed Southwesterly out of Myton, Utah along U.S. Highway 40, 1.5 miles to the junction of this Highway and Utah State Highway 53-216, to the South; proceed Southerly along this Highway 1.5 miles more or less, to the intersection of Utah State Highway 53 and Utah State Highway 216, thence proceed Southeasterly along Utah State Highway 216, 11.5 miles to the junction of this road and an existing dirt oil field service road to the Southwest; proceed Southwesterly along this service road 1.1 miles to the point at which the planned access road (to be discussed in Item #2) leaves the existing road and proceeds in a Southeasterly direction.

The Highway mentioned in the foregoing paragraph are bituminous surfaced roads up to the intersection of Utah State Highways 53 and 216, at which point Utah State Road 216 is constructed out of existing native materials that are prevalent to the existing areas it is located in and ranges from clay to a sandy-clay shale material, as are the afore mentioned dirt oil field service roads and other roads in the vicinity.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of the well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing service road in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 17, T9S, R17E, S.L.B. & M., and proceeds in an Easterly direction for a distance of 150' more or less to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

This proposed access road will be an 18' crown road (' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. There will be no culverts required along this access road.

Back slopes along the cut area of the road will be 1 $\frac{1}{2}$ to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

DIAMOND SHAMROCK CORPORATION
Piaute Fed. #11-17
Section 17, T9S, R17E, S.L.B. & M.

2. PLANNED ACCESS ROAD - continued

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges or at intervals and location that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet ends.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The vegetation along this route consists of sparse amounts of sagebrush, rabbitbrush, some grasses and cacti with large areas that are devoid of vegetation.

3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

There are no known abandoned wells, water wells, disposal wells, drilling wells, shut in wells, injection wells, monitoring or observation wells for other resources within a one mile radius of this location site.

There are however, 5 producing wells within a one mile radius of the proposed location site. See Topographic Map "B" for their location.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are existing production facilities belonging to DIAMOND SHAMROCK CORPORATION within a one mile radius of this location site.

A tank battery site will be set up at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to existing facilities in the area.

DIAMOND SHAMROCK CORPORATION
Piaute Fed. #11-17
Section 17, T9S, R17E, S.L.B. & M.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES - continued

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Item #10.

5. LOCATION OF AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled by truck from the Duchesne River, at a point where Highway 40 crosses it North of Myton, Utah approximately 16 miles to the Northeast from the proposed location site.

In the event that the above sources is not used other arrangements will be made with the proper authorities for an alternate source.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

There will be no water well drilled at this location site.

6. SOURCES OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during the construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of a sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A Reserve pit will be constructed.

The Reserve Pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

DIAMOND SHAMROCK CORPORATION
Piaute Fed. #11-17
Section 17, T9S, R17E, S.L.B. & M.

7. METHODS OF HANDLING WASTE DISPOSAL - continued

If deemed necessary by the agencies concerned to prevent contamination to the surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There will be no ancillary facilities planned for at this location site.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #6, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a basin that lies between the Book Cliff Mountains to the South and the Uintah Mountains to the North. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstones, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial streams and flow to the Southeast and are tributaries to the Green River.

The soils of the semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial, Sandstone, Mudstone) from the Eocene and Quaternary Epoch (gravel surfaces) and the visible geologic structures consist of light brownish clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates, and shales).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses, and cacti, and large areas of bare soils devoid of any growth. In the areas that are formed along the edges of perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses and cacti can be found.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area (See Topographic Map "B")

Piaute Fed. #11-17 location site sits on a relatively flat area which is part of what is known as Pariette Bench. The Green River is located approximately 11 miles to the East of the location.

The geologic structure of the location is of the Uinta Formation and consists of light brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the East through the location to the West at approximately a 2% grade.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

DIAMOND SHAMROCK CORPORATION
Piaute Fed. #11-17
Section 17, T9S, R17E, S.L.B. & M.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Bill Elliot
DIAMOND SHAMROCK CORPORATION
85 South 200 East
Vernal, Utah 84078

1-801-789-5270

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions that presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operations proposed herein will be performed by DIAMOND SHAMROCK CORPORATION and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

Bill Elliot
District Superintendant

Diamond Shamrock

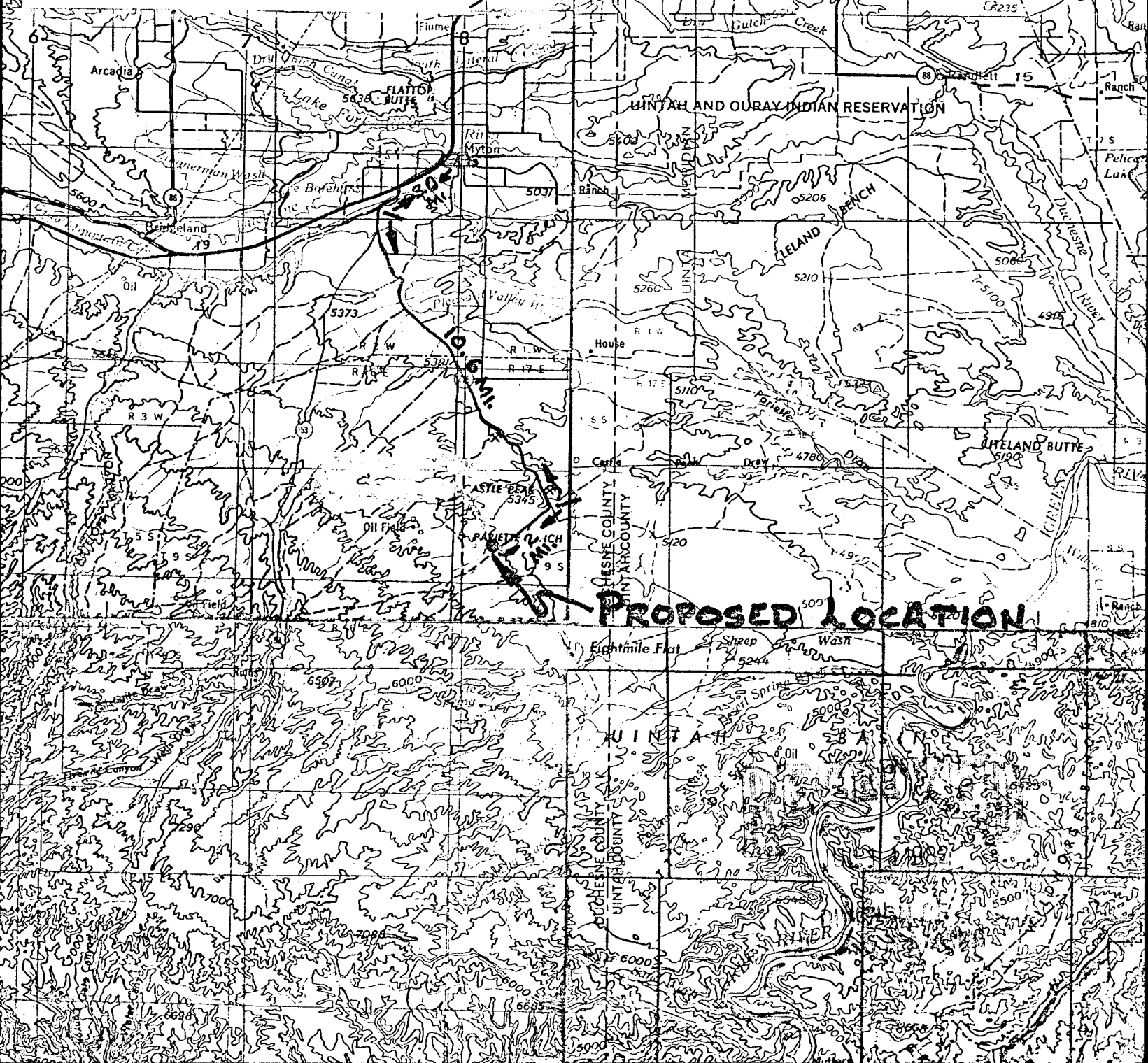
PAUTE FED. # 11-17

PROPOSED LOCATION

TOPO. MAP 'A'



SCALE - 1" = 4 MI.



PAIUTE FED. #11-17
PROPOSED LOCATION

TOPO. MAP 'B'

SCALE - 1" = 2000'

ROAD CLASSIFICATION

Medium-duty..... ☐ Medium-duty Light-duty..... ☐ Light-duty

Unimproved dirt

○ State Route

UTAI

QUADRANGLE LOCATION

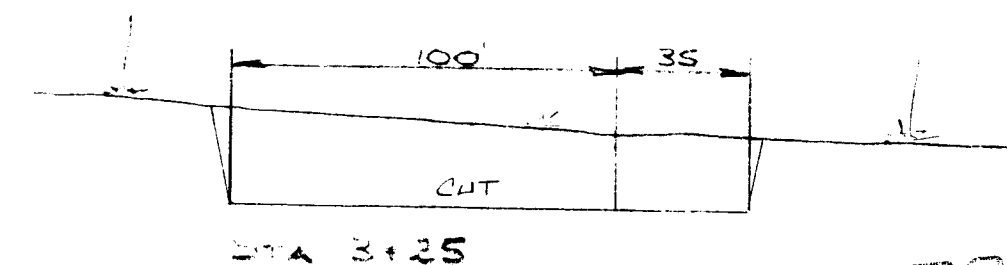
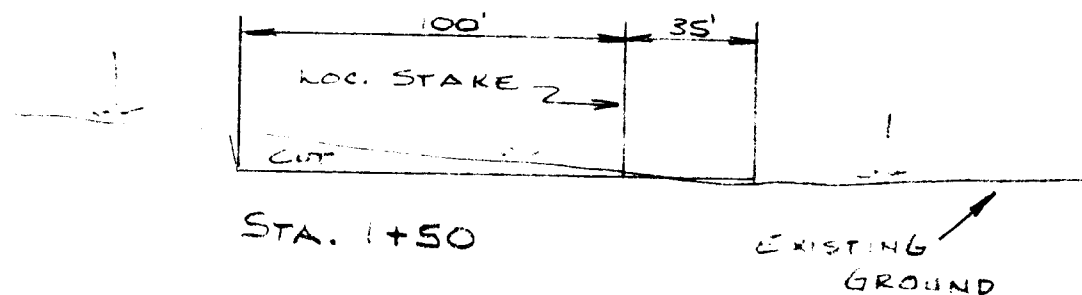
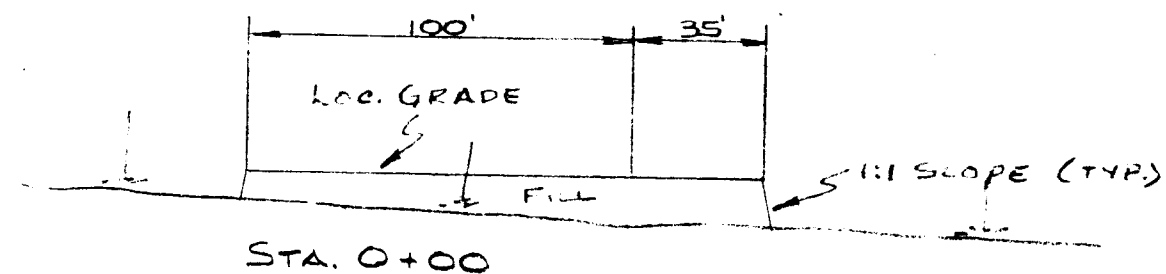
PROPOSED LOCATION
ROUTE FED. # 11-17

ACCESS ROAD - 150

DIAMOND SHAMROCK CORP.

PAUTE FED. # 11-17

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Scales

1" = 50'

APPROXIMATE YARDAGES

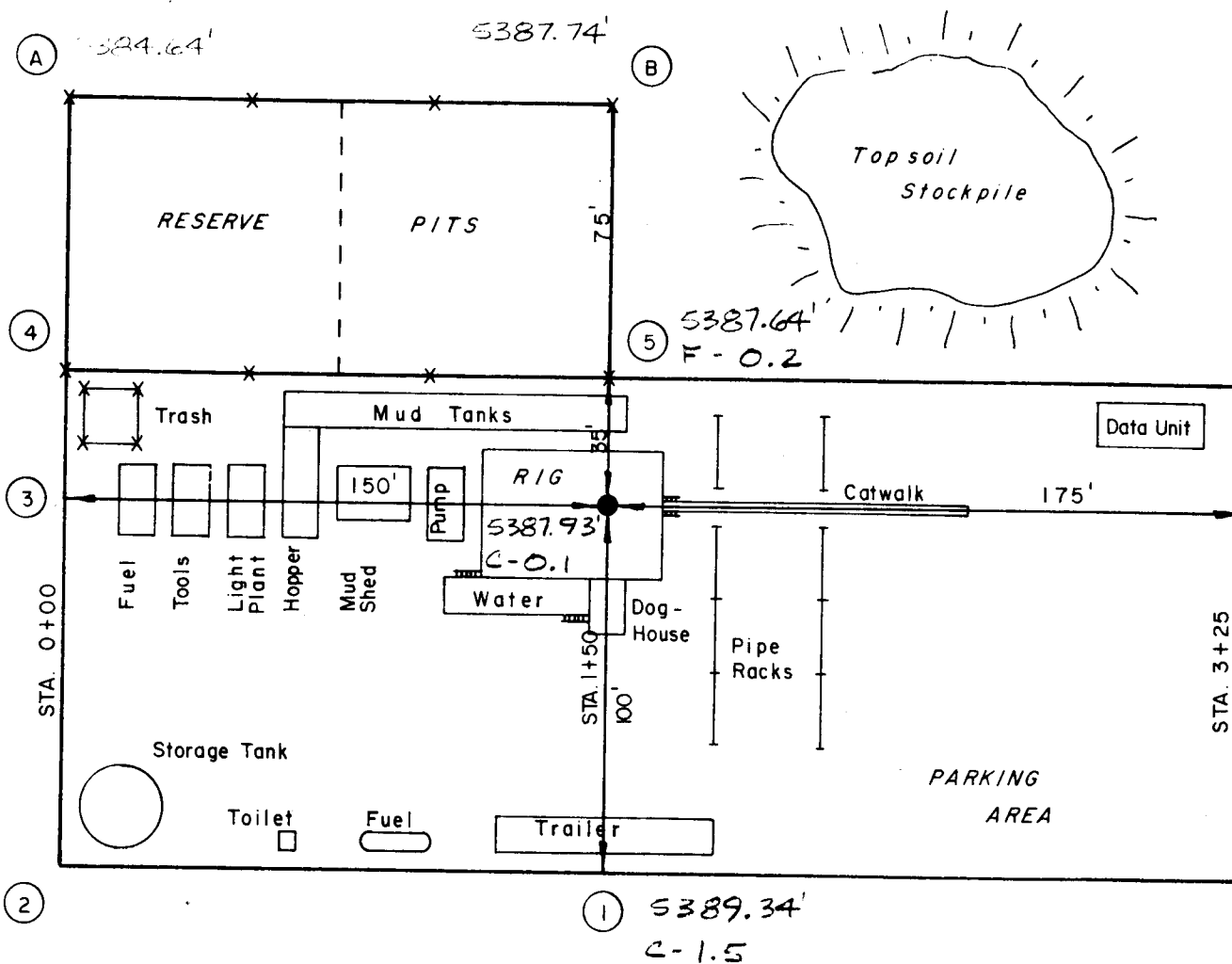
Cu. Yds. Cut = 2,300

Cu. Yds. Fill = 921

RECEIVED
JUL 14 1982

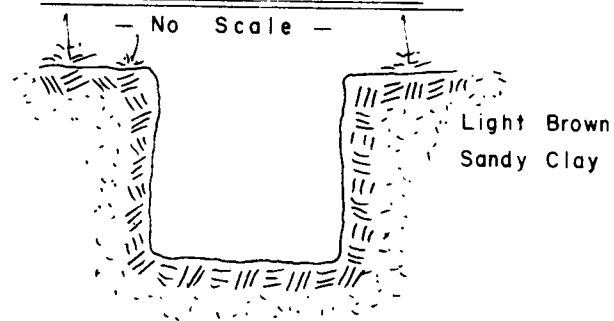
DIVISION OF
OIL, GAS & MINING

SCALE: 1" = 50'
DATE: 5/27/82



SOILS LITHOLOGY

- No Scale -



✓

File Prepared: ☒ Entered on N.I.D: ☐
Card Indexed: ☐ Completion Sheet: ☐
API Number 43-013-30 ⁵¹⁶ ~~518~~

Petroleum Engineer: _____

Director: _____

Administrative Aide: Per Rule C-3

Bond Required: ☒ Survey Plat Required: ☐

Order No. _____ O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒ P.I. ☒

July 16, 1982

Diamond Shamrock Corporation
85 South 200 East
Vernal, Utah 84078

RE: Well No. Paiute Federal #11-17
Sec. 17, T9S, R17E
Duchesne County

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30681. 30516

Sincerely,


RONALD D. FIRTH
CHIEF PETROLEUM ENGINEER

RJF:SC
cc: Minerals Management Service
Enclosure

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

4/10/82

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. EESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR						5. LEASE DESIGNATION AND SERIAL NO.	
Diamond Shamrock Corporation						U-3563-A	
3. ADDRESS OF OPERATOR						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
5730 West Yellowstone Hwy. Casper, Wyoming 82604-1982						7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)						8. FARM OR LEASE NAME	
At surface 664' FWL, 661' FNL NW/NW						Paiute Federal	
At top prod. interval reported below						9. WELL NO.	
At total depth						11-17	
14. PERMIT NO. 43-013-30516						10. FIELD AND POOL, OR WILDCAT	
DATE ISSUED 7-16-82						Monument Butte	
15. DATE SPUDDED 6-25-82						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
16. DATE T.D. REACHED 7-4-82						Sec. 17, T9S, R17E	
17. DATE COMPL. (Ready to prod.) 8-29-82						S.L.B.M.	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5388' GR						12. COUNTY OR PARISH	
19. ELEV. Casinghead 5388'						Duchesne	
20. TOTAL DEPTH, MD & TVD 5760'						13. STATE	
21. PLUG, BACK T.D., MD & TVD 5716'						Utah	
22. IF MULTIPLE COMPL., HOW MANY* - - -						14. COUNTY OR PARISH	
23. INTERVALS DRILLED BY - - -						Duchesne	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						15. ELEV. Casinghead	
4706' - 4717' 5392' - 5422' 5518' - 5528' GREEN RIVER						16. WAS DIRECTIONAL SURVEY MADE	
5369' - 5385' 5451' - 5460' 5577' - 5596'						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
CAL; Comp. Density; Nefrocarbon; CBL-GR						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		24#		276' KB		12 1/4"	
5 1/2"		15.5#		5751' KB		7 7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		BACKS CEMENT*	
- - -							
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		5506' KB		- - -			
31. PERFORATION RECORD (Interval, size and number)							
5577' - 5596'		.48		39 holes			
5518' - 5528'		.48		21 holes			
5451' - 5460'		.48		10 holes			
cont... See attached sheet							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
See attached sheet							
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-2-82		Pumping				Producing	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
9-2-82		24		- - -		118	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)	
- - -		- - -		- - -		30 @ 60°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Vented						B. Elliott	
35. LIST OF ATTACHMENTS							
None							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE				DATE	
[Signature]		Dist. Drlg. Supt.				9-10-82	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Top Oil Shale	1449'	
				Horsebench	2084'	
				Base Oil Shale	2981'	
				Garden Gulch	3537'	
				Douglas Creek	4525'	
				Upper Blk. Shale	5178'	
				Watasch Tongue	5368'	
				T.D. (loggers)	5760'	
				T.D. (drillers)	5750'	

Paiute Federal 11-17 (attachment)
NW/NW, Sec. 17, T9S, R17E
Duchesne County, Utah

31. Perforation record: (cont.)

5392' - 5422'	.48	31 holes
5369' - 5385'	.48	17 holes
4706' - 4717'	.48	23 holes.

32. Acid, Shot, Fracture, Cement Squeeze, Etc:

5577' - 5596'	1500 gal. 7½% HCL;
5518' - 5528'	30,000 gal. KCL gel;
	38,000# 20/40 sand;
	12,000# 10/20 sand.

5451' - 5460'	1500 gal. 7½% HCL;
5392' - 5422'	45,500 gal. KCL gel;
5369' - 5385'	62,000# 20/40 sand;
	4,000# 10/20 sand.

4706' - 4717'	1000 gal. 7½% HCL;
	15,500 gal. KCL gel;
	20,000# 20/40 sand;
	8,000# 10/20 sand.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-R0 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-3563-A
Communitization Agreement No. N/A
Field Name Field
Unit Name N/A
Participating Area N/A
County Duchesne State Utah
Operator Diamond Shamrock Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of September, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
11-17	17 NW/NW	9S	17E	DRG.					Paiute Federal 11-17
					8-26	RUCT. POOH with rods and tubing. RIH with Bridge plug. POOH. Perforate 4706' - 4717' (23 holes)			
					8-27	Frac. with 24 bbl. 7 1/2% HCL, 369 bbl. 2% KCL and 20K# sand.			
					8-28	Retrieve bridge plug. RIH with production assembly.			
					8-29	Swab. RIH with rods. Release Rig. Turned to Production.			

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced			
*Sold			XXXXXXXXXXXXXXXXXX
*Spilled or Lost		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXX
*Used on Lease			XXXXXXXXXXXXXXXXXX
*Injected			
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	
*Other (Identify)			
*On hand, End of Month		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content			XXXXXXXXXXXXXXXXXX
Authorized Signature: <u>Wes Ch. Lee</u>	Address: <u>5730 W. Yellowstone Casper, Wyo.</u>		
Title: <u>Dist. Drlg. Supt.</u>	Page _____ of _____		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(FORM 9-329)
(2/76)

OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-3562-A

Communitization Agreement No. N/A

Field Name Field

Unit Name N/A

Participating Area N/A

County Duchesne State Utah

Operator Diamond Shamrock Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of August, 1982


(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
11-17	17 NW/NW	9S	17E	DRG.	7-26 thru 8-9 Pump test 8-10 RUCT. POOH with rods. 8-11 POOH tubing. Perforate 5451' - 5460' (10 holes) and 5392' - 5422' (31 holes); 5369' - 5385' (17 holes) 8-12 Frac. with 1500-gal. 7 1/2% HCL, 1083 bbl. 2% KCL gel and 4K sand. 8-13 Retrieve bridge plug 8-14 POOH, RIH with Prod. assembly. 8-15 Swab 8-16 Shut down 8-17 RIH with rods. Put on pump test. 8-18 thru 8-15 Pump test.				Paiute Federal 11-17

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced			XXXXXXXXXXXXXXXXXX
*Sold		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	XXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXX
*Flared or Vented			XXXXXXXXXXXXXXXXXX
*Used on Lease			
*Injected	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	
*Surface Pits			
*Other (Identify)		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*On hand, End of Month			XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content			
Authorized Signature: 	Address: 5730 W. Yellowstone Casper, Wyo.		
Title: Asst. Dist. Drlg. Supt.	Page _____ of _____		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-3563
Communitization Agreement No. N/A
Field Name Field Monument Butte
Unit Name N/A
Participating Area N/A
County Duchesne State Utah
Operator Diamond Shamrock Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of July, 19 82


(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
11-17	17 NW/NW	9S	17E	DRG.					Paiute Federal 11-17 43-013-30516
					6-26	Ran 8 5/8" 24#, K-55 casing. Set @ 277' KB. Cement with 200 sxs.			
					6-27	thru 7-4 Drill to 5750'. Log.			
					7-5	Log. Run 5 1/2", 15.5# casing. Set @ 5752'. (PBD 5708')			
					7-6	Cement with 700 sxs. Rig released.			
					7-7	thru 7-18 WOCT			
					7-19	RUCT. Displace with 2% KCL. POOH.			
					7-20	Swab test			
					7-21	Run CBL-VDL. Perforate 5577' - 5596' (39 holes) and 5518' - 5528 (21 holes)			
					7-22	Frac. with 1500 gal. 7 1/2% HCL and 687 bbl. KCL gel and 50K of sand.			
					7-23	RIH and Swab test.			
					7-24	Swab test			
					7-25	Swab test. Run Pump and rods. Rig released. Pump test.			

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month		XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced			
*Sold			XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost		XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX
*Used on Lease			XXXXXXXXXXXXXXXXXXXX
*Injected			
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	
*Other (Identify)			
*On hand, End of Month		XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content			XXXXXXXXXXXXXXXXXXXX
Authorized Signature: 	Address: 5730 W. Yellowstone Casper, Wyo.		
Title: <u>Asst. Dist. Drlg. Supt.</u>	Page _____ of _____		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐
well well other

2. NAME OF OPERATOR
DIAMOND SHAMROCK CORPORATION

3. ADDRESS OF OPERATOR
P. O. DRAWER 'E', VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 664' FWL & 661' FNL NW/NW
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☒
SHOOT OR ACIDIZE ☒
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐
☐

JUN 19 1983

DIVISION OF

GAS & MINING

5. LEASE
U-3563-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
PAIUTE FEDERAL

9. WELL NO.
11-17

10. FIELD OR WILDCAT NAME
MONUMENT BUTTE FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 17, T9S, R17E

12. COUNTY OR PARISH
DUCESNE CO.

13. STATE
UTAH

14. API NO.
43-013-30516

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5388' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DIAMOND SHAMROCK CORPORATION respectfully requests permission to perforate and test an additional Green River formation sand in the Paiute Federal #11-17 well. If zone appears to be commercially productive, DIAMOND SHAMROCK CORP. will fracture treat the zone. The proposed procedure is as follows:

1. Set retrievable bridge plug @ 4300'.
2. Perforate Zone #4 from 4024-4040', 4062-4082', 4094-4099'.
3. Breakdown zone with 2000 gallons 2% KCL water and ball sealers.
4. If zone looks productive, fracture treat.
5. Remove bridge plug and return well to pumping operations.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Jeff H. Ronk TITLE Production Engineer DATE 6-9-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)

FILE AWAY

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. DESVR. ☐ Other _____

2. NAME OF OPERATOR

Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR

5730 West Yellowstone Hwy., Casper, Wyoming 82604

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 664' FWL, 661' FNL NW/NW

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-013-30516

DATE ISSUED

7-16-82

15. DATE SPUDDED

6-25-82

16. DATE T.D. REACHED

7-4-82

17. DATE COMPL. (Ready to prod.)

8-29-82

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5388' GR

19. ELEV. CASINGHEAD

5388'

20. TOTAL DEPTH, MD & TVD

5760'

21. PLUG, BACK T.D., MD & TVD

5716'

22. IF MULTIPLE COMPL., HOW MANY*

- - - - -

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

CABLE TOOLS

0' - 5760'

- - - - -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4706'-4717' 5392'-5422' 5518'-5528' 4094'-4099' 4024'-4040'
5369'-5385' 5451'-5460' 5577'-5596' 4062'-4082' Green River

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CAL: Comp. Density; Hefrocarbon; CBL-GR

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	276' KB	12 1/4"	200 sxs.	-0-
5 1/2"	15.5#	5751' KB	7 7/8"	700 sxs.	-0-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4001' KB	- - - - -

31. PERFORATION RECORD (Interval, size and number)

5577' - 5596' .48 39 holes
5518' - 5528' .48 21 holes
5451' - 5460' .48 10 holes
cont... See attached sheet

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
7-5-83		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7-4-83	24		→	53	17.5	47	330:1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		→	53	17.5	47	30		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Russell Ivie

35. LIST OF ATTACHMENTS

None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

TITLE Asst. Dist. Drlg. Supt.

DATE July 7, 1983

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

87. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Top Oil Shale	1449'	
				Horsebench	2084'	
				Base Oil Shale	2981'	
				Garden Gulch	3537'	
				Douglas Creek	4525'	
				Upper Blk. Shale	5178'	
				Wasatch Tongue	5368'	
				T.D. (loggers)	5760'	
				T.D. (drillers)	5750'	

Paiute Federal 11-17 (attachment)
NW/NW, Sec. 17, T9S, R17E
Duchesne County, Utah

31. Perforation record: (cont.)

5392' - 5422'	.48	31 holes
5369' - 5385'	.48	17 holes
4706' - 4717'	.48	23 holes
4094' - 4099'	.48	11 holes
4062' - 4082'	.48	41 holes
4024' - 4040'	.48	33 holes

32. Acid, Shot, Fracture, Cement Squeeze, Etc:

5577' - 5596'	1500 gal. 7 1/2% HCL;
5518' - 5528'	30,000 gal. KCL gel;
	38,000# 20/40 sand;
	12,000# 10/20 sand.
5451' - 5460'	1500 gal. 7 1/2% HCL;
5392' - 5422'	45,500 gal. KCL gel;
5369' - 5385'	62,000# 20/40 sand;
	4,000# 10/20 sand.
4706' - 4717'	1000 gal. 7 1/2% HCL;
	15,500 gal. KCL gel;
	20,000# 20/40 sand;
	8,000# 10/20 sand.
4099' - 4024'	1500 gal. 7 1/2% HCL;
	67,000 gal. KCL gel;
	162,000# 20/40 sand.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
DIAMOND SHAMROCK CORPORATION
3. ADDRESS OF OPERATOR
P. O. DRAWER "E", VERNAL, UTAH 84078
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 664' FWL & 661' FNL NW/NW
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☒
☒
☐
☐
☐
☐
☐
☐

5. LEASE
U-3563-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
PAIUTE FEDERAL
9. WELL NO.
11-17
10. FIELD OR WILDCAT NAME
MONUMENT BUTTE FIELD
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 17, T9S, R17E
12. COUNTY OR PARISH
DUCHESNE CO.
13. STATE
UTAH
14. API NO.
43-013-30516

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-331-C)

DIVISION OF
GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DIAMOND SHAMROCK CORPORATION wishes to report that the following work was performed on the Paiute Federal #11-17:

1. Tubing and rods were pulled from well.
2. Retrievable bridge plug was set @ 4300'.
3. Zone #4 was perforated from 4024-4040', 4062-4082' and 4094-4099' @ 2jspf.
4. Zone #4 was broken down with 4000 gal 2% KCL water and ball sealers.
5. Zone #4 looked productive and was sand fraced w/67,000 gal Versagel w/162,000# 20/40 sand.
6. Zone #4 was swabbed and pump tested.
7. Retrievable bridge plug was removed and well returned to normal pumping operations.

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED Jeff H. Bonk TITLE Prod. Engineer DATE July 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
DIAMOND SHAMROCK CORPORATION
3. ADDRESS OF OPERATOR
P. O. DRAWER "E", VERNAL, UTAH 84078
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: NW/NW & SE/SE
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) LAY A SURFACE GAS LINE		

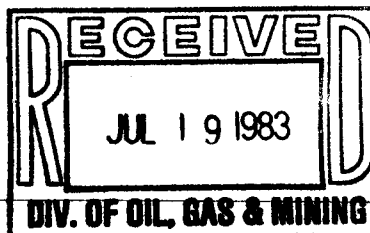
5. LEASE
U-3563-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
PAIUTE FEDERAL & MOCON FEDERAL
9. WELL NO.
PAIUTE FED. 11-17 MOCON FED. 44-7
10. FIELD OR WILDCAT NAME
MONUMENT BUTTE FIELD
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 17 & 7, T9S, R17E
12. COUNTY OR PARISH 13. STATE
DUCHESNE CO. UTAH
14. API NO.
43-013-30516 & 43-013-30666
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5388' GR & 5385' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DIAMOND SHAMROCK CORPORATION respectfully requests permission to lay a surface gas line from the Paiute Federal #11-17 well to the Mocon Federal #44-7 well. Laying of this line will allow DIAMOND SHAMROCK CORPORATION to minimize the amount of costly propane used to operate surface equipment on these two wells.

The gas line will be 2" durable plastic pipe, will be laid along existing lease and access roads, buried at road crossings and will not create a surface disturbance.



Subsurface Safety Valve: Manu. and Type

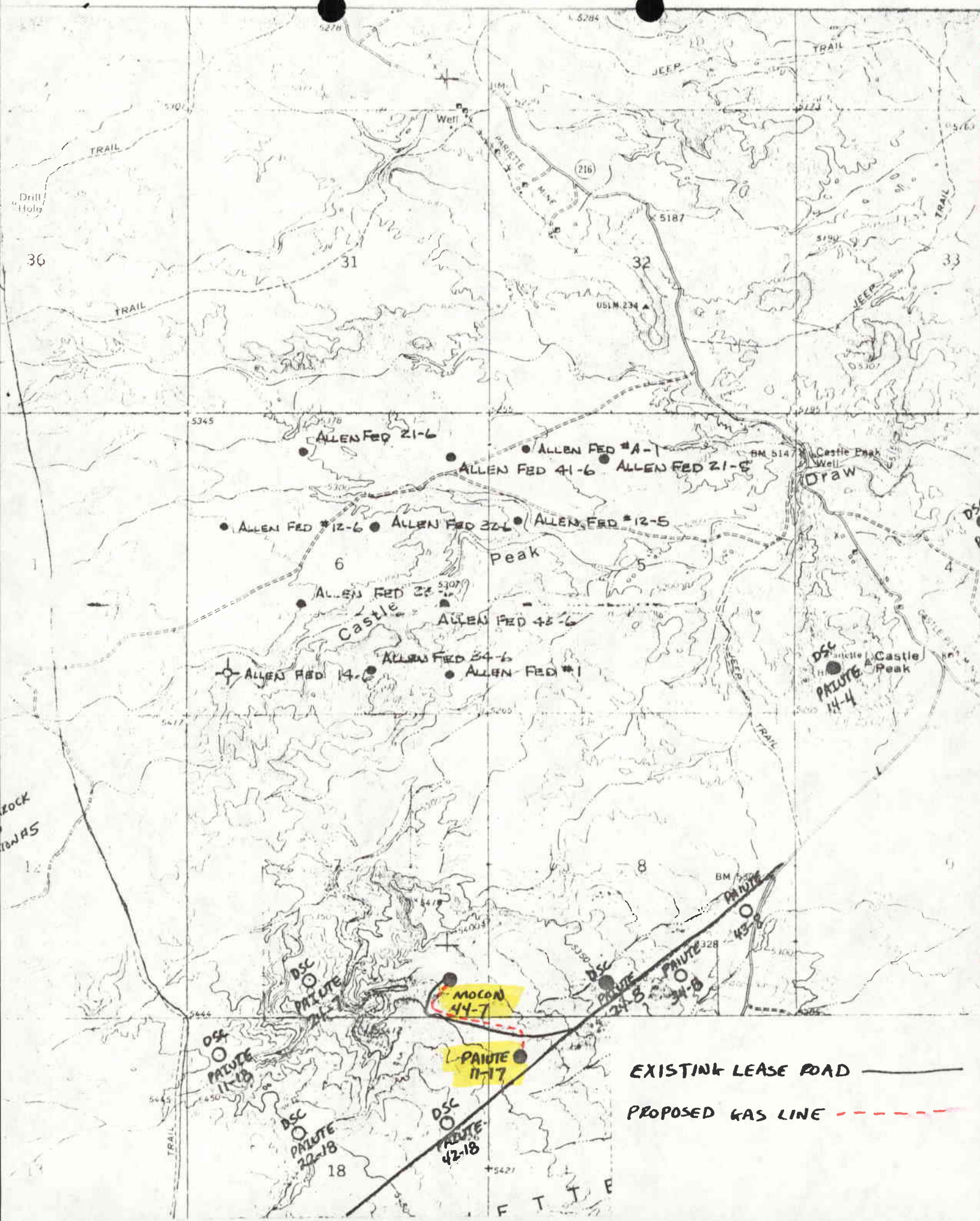
Set @ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED JOSE H. KOKK TITLE Prod. Engineer DATE July 14, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐
well well

2. NAME OF OPERATOR
DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: NW/NW & SE/SE
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

☐
☐
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☐

(other) Lay surface gas lines

5. LEASE
U-3563A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
PAIUTE FEDERAL & MOCON FEDERAL

9. WELL NO.
11-17 & 44-7

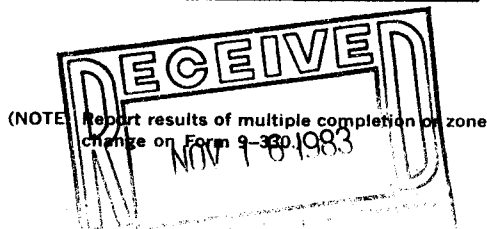
10. FIELD OR WILDCAT NAME
MONUMENT BUTTE FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SECTION 17 & 7, T9S, R17E

12. COUNTY OR PARISH DUCHESNE
13. STATE UTAH

14. API NO.
43-013-30516 & 43-013-30666

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5388' & 5385' GR



17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DIAMOND SHAMROCK EXPLORATION COMPANY requests permission to lay a wet gas gathering system and a dry gas distribution system for DIAMOND SHAMROCK operated wells within Federal Lease U-3563A.

The wet gas lines will be 2" plastic and 3" polyethylene pipe and will connect wells within U-3563A to the wet gas gathering system in U-7978 (see attached Topo map). The volume of gas from U-3563A will be measured before it is commingled with gas from U-7978.

The dry gas distribution system will be 1" and 2" polyethylene pipe and will return reliable dry gas to individual wells where it will be used to fuel surface equipment.

The laying of these lines will allow DIAMOND SHAMROCK to 1) process and sell wet casinghead gas currently being vented, and 2) reduce the amount of downtime caused by the condensation of liquids in the existing surface fuel gas lines. (See Below)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Jeff H. Ronk TITLE Production Eng. DATE 11-14-83

Jeff H. Ronk

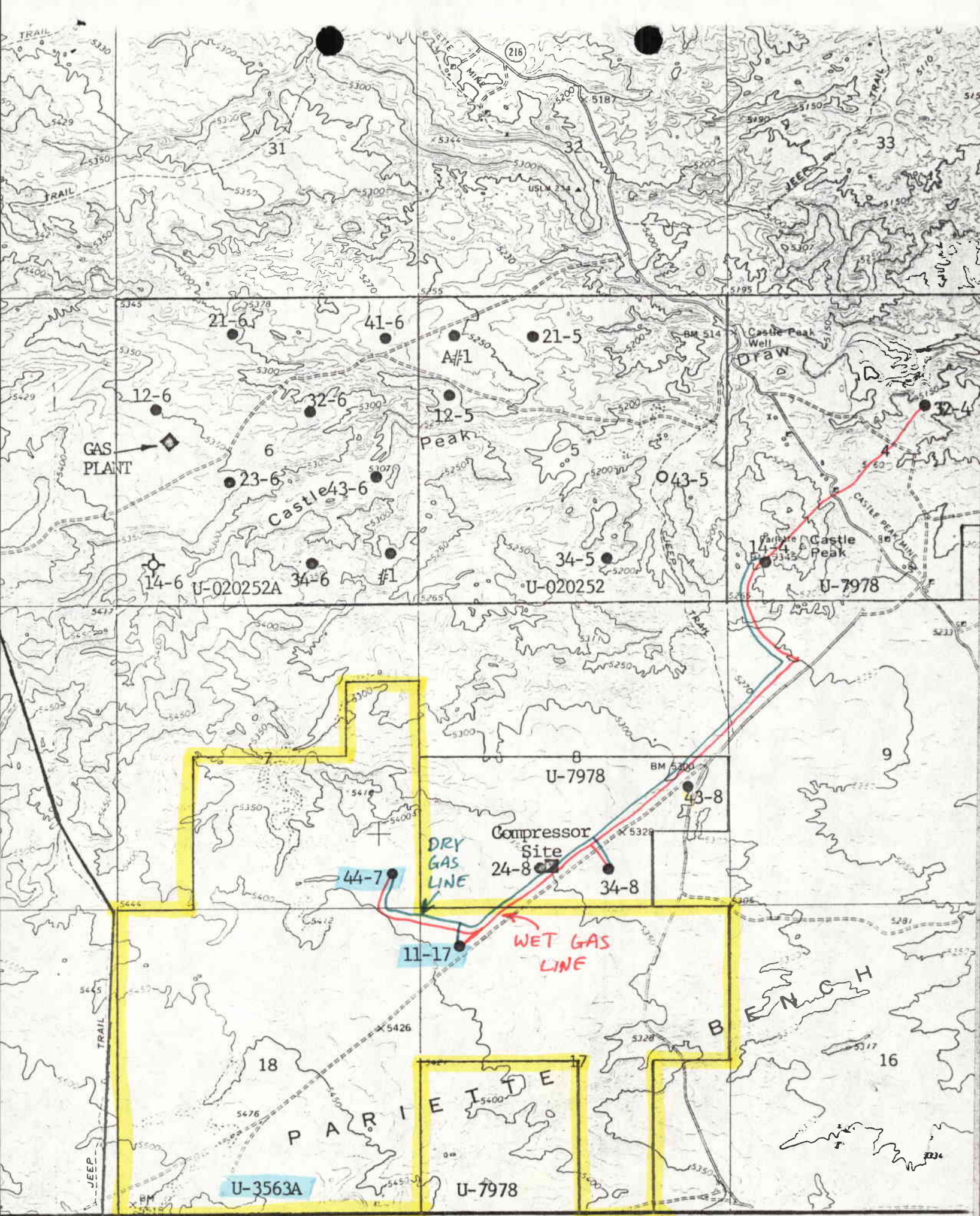
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

These lines will follow lease and access roads wherever possible, will be buried and marked at road crossings, and will not create a surface disturbance.

*See Instructions on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR
DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
P. O. DRAWER "E" VERNAL UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
664' FWL & 661' FNL (NW/NW)

14. PERMIT NO.
43-013-30516

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
5388' GR

RECEIVED

DIVISION OF OIL
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
U-3563A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
PAIUTE FEDERAL

9. WELL NO.
11-17

10. FIELD AND POOL, OR WILDCAT
Monument Butte Field

11. SEC., T., R., M., OR BLM. AND
SURVEY OR AREA
Section 17, T9S, R17E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETION ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐ CHANGE PLANE ☐

(Other) NTL-4A-Authority to Vent Gas XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DIAMOND SHAMROCK EXPLORATION COMPANY requests permission to vent excess casinghead gas from the Paiute Federal 11-17 well. This well is currently connected to our Monument Butte Gas Plant, but gas volume and quality is now too poor to make processing economical.

We are currently in the process of installing additional equipment at the plant that will allow us to handle higher concentrations of H₂S. As soon as this equipment is in place, we should be able to resume processing and sale of casinghead gas produced from this well.

Estimated vent volume is 15 MCF/Day.

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]
Jeff H. Ronk

TITLE

Production Engineer

DATE

June 4, 1984

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

COMPANY: MAXUS EXPLORATION CO UT ACCOUNT # SUSPENSE DATE: 6-10-87
(FORMERLY DIAMOND SHAMROCK EXPLORATION CO)

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: PAT COTE (PAT PRONOUNCES HER NAME "COATEE")

CONTACT TELEPHONE NO.: (214) 777-2822

SUBJECT: OPERATOR CHANGE - DIAMOND SHAMROCK EXPLORATION CO TO MAXUS EXPL CO.

(Use attachments if necessary)

RESULTS: PAT SAID SHE WOULD PROVIDE: LTR OF EXPLANATION FOR 1) EFFECTIVE DATE,
2) BONDING, 3) ENTITY REVIEW, 4) WELLS IN QUESTION, 5) ADDRESS & TEL
FOR BOTH DRILLING AND PRODUCTION CONTACT PEOPLE,

SHE WILL USE ~~GOVT~~ A SUPPLEMENTED COPY OF TAD TO IDENTIFY ALL
WELLS, INCLUDING DRILLING AND INJECTION

(Use attachments if necessary)

CONTACTED BY: *[Signature]*

DATE: 6-2-87



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)

DOGM 56-64-21
an equal opportunity employer

Page 2 of 6

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DIAMOND SHAMROCK EXPL.
2001 ROSS AVE #1500
DALLAS TX 75201
ATTN: PAT COTE

RECEIVED
JUN 05 1987

DIVISION OF
OIL, GAS & MINING

Utah Account No. N0340

Report Period (Month/Year) 4 / 87

Amended Report ☐

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
X ALLEN FEDERAL 21-5 4301330612 01140 09S 17E 5	GRRV	30	235	906	-0-
X CASTLE PK FED #11-15 4301330664 01145 09S 16E 15	GRRV	-0-	-0-	-0-	-0-
X CASTLE PK FED. 22-15 4301330634 01150 09S 16E 15	GRRV	30	355	2088	-0-
X CASTLE PK FED 24-15 4301330631 01160 09S 16E 15	GRRV	30	102	199	-0-
X CASTLE PK FED 31-15 4301330613 01165 09S 16E 15	GRRV	28	171	456	5
X CASTLE PK FED 33-15 4301330632 01170 09S 16E 15	GRRV	30	102	191	15
X CASTLE PK FED 42-15 4301330633 01175 09S 16E 15	GRRV	24	125	363	10
X CASTLE PK FED 44-10 4301330630 01180 09S 16E 10	GRRV	30	109	169	-0-
X CASTLE PK ST 43-16 4301330594 01181 09S 16E 16	GRRV	10	160	997	210
X CASTLE PEAK 5 4301315784 01185 09S 16E 15	GRRV	-0-	-0-	-0-	-0-
X PAIUTE FED 34-8 4301330778 01200 09S 17E 8	GRRV	30	123	314	-0-
X MOCON FED 44-7 4301330666 01205 09S 17E 7	GRRV	30	148	237	-0-
X PAIUTE FED 11-13 4301330516 01210 09S 17E 17	GRRV	30	382	1126	15
TOTAL			2012	7046	255

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date 6-2-87

Pat Cote
Authorized signature

(214) 979-2822
Telephone

PLEASE COMPLETE FORMS IN BLACK INK

Maxus Energy Corporation
LTV Center
2001 Ross Avenue
Dallas, Texas 75201
214 979-2800

RECEIVED
JUN 05 1987

060810

DIVISION OF
OIL, GAS & MINING

June 2, 1987

MAXUS

Utah Division of Oil, Gas & Mining
Attn: Norm Stout
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Dear Mr. Stout,

Regarding your request for information concerning the change of name of our company from Diamond Shamrock Exploration, to Maxus Exploration Company:

1. New replacement bond is being taken care of by Sherry Neally (214) 953-2858, and will be mailed to you shortly by Judy Tate (806) 378-3876.
2. Contact names will remain the same - Kaleb Leake (307) 266-1882, Maxus Exploration Company, P.O. Box 2530, Mills, WY 82644, for drilling and permitting; Pat Cote (214) 979-2822, at the letterhead address, for production and disposition reporting.
3. I am enclosing a copy of our most recent production report. This is a complete list of all wells to be affected by the name change.
4. The name change is effective 4-28-87. All name change notices are being handled by Dick Smith in our Legal Department (214) 953-2979. He assures us that the notices will be sent out in a few days.
5. There are no changes in the division of interest on any of the attached wells, therefore all entity numbers will remain the same.

Thank you for your patience in this matter, and please contact me if there is any other information needed.

Sincerely,

Pat Cote

Pat Cote
Production Clerk, Oil Revenue
Maxus Exploration
(214) 979-2822

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-3563 A	
2. NAME OF OPERATOR MAXUS EXPLORATION CO. (FORMERLY DIAMOND SHAMROCK EXPLORATION)		6. IF INDIAN, ALLOTTEE OR TRIBE NAME POW 072824	
3. ADDRESS OF OPERATOR P. O. BOX 1669, VERNAL, UTAH 84078		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SECTIONS 7 and 17, T9S, R17E		8. FARM OR LEASE NAME MOCON & PAIUTE FEDERAL	
14. PERMIT NO. 43-013-30666 #11-17 43-013-30516		9. WELL NO. MOCON 44-7, PAIUTE 11-17	
15. 5388' GR (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE FIELD	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 7 & 17, T9S, R17E	
		12. COUNTY OR PARISH DUCHESNE,	
		13. STATE UTAH	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) REQUEST OFF-LEASE METERING <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MAXUS EXPLORATION COMPANY respectfully requests approval from the BLM to install off-lease orifice meter readings for the subject wells in sections 7 and 17, lease U-3563A. The orifice meter would be installed on the Paiute Federal #24-8 wellsite location, site of the compressor in U-7978 lease. After the initial testing of wells in the Castle Peak Participating Area "C" and then the wells in U-096550, the orifice meter would be moved to the Paiute Federal 24-8 wellsite, location of the compressor, and would calibrate these two wells for a three month period, then quarter-yearly thereafter.

18. I hereby certify that the foregoing is true and correct

SIGNED Russ Ivie
Russ Ivie
(This space for Federal or State office use)

TITLE District Superintendent

DATE July 15, 1987

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side



BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1601 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

RECEIVED

OCT 09 1991

DIVISION OF
OIL GAS & MINING

October 8, 1991

-- VIA FEDERAL EXPRESS --

Lisha Romero
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Lisha:

Enclosed are sundry notices for Change of Operator for the wells on the enclosed list. These wells are currently operated by Maxus Exploration Company and are being transferred to:

Balcron Oil
P.O. Box 21017
Billings, MT 59104

The transfer is effective November 1, 1991.

If there is any other information you need or if you have any questions, please give me a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental, and Regulatory Affairs

/rs

Enclosures

cc: James M. Pachulski, Maxus Exploration Company

*Thanks for all
your help, Lisha.*

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. SEE ATTACHED LIST
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR EQUITABLE RESOURCES ENERGY COMPANY		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 21017; Billings, MT 59104 (406)259-7860		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SEE ATTACHED LIST At proposed prod. zone		9. WELL NO.
10. FIELD AND POOL, OR WILDCAT		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
14. API NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY
		13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> Change of Operator <input checked="" type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Effective November 1, 1991, the operator of this well will change from Maxus Exploration Company

TO: EQUITABLE RESOURCES ENERGY COMPANY
 P.O. Box 21017
 Billings, MT 59104

Effective November 1, 1991, Equitable Resources Energy Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands or a portion thereof under Bureau of Land Management Bond #5547188 issued by Safeco Insurance Co.

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OCT 09 1991

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED _____	TITLE <u>Attorney-in-Fact</u>	DATE <u>October 8, 1991</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

See Instructions On Reverse Side

Maxus Exploration Com.
P.O. Box 2530
Mills, Wyoming 82644
307 266-1882

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OCT 10 1991

DIVISION OF
OIL GAS & MINING

MAXUS

October 7, 1991

State of Utah
Division of Oil & Gas
3 Triad Center, Ste. 350
Salt Lake City, Utah 84180

Re: Operator Transfer of Maxus
Exploration Company Wells

Dear Sir:

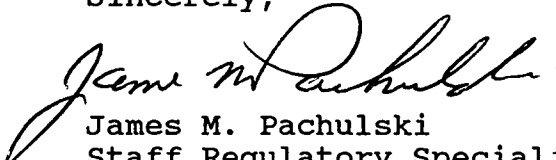
Attached is a list of wells within the State of Utah currently operated by Maxus Exploration Company. These wells are in the process of being transferred to a new operator:

Balcron Oil
P.O. Box 21017
Billings, Montana 59104
Attn: Bobbie Schuman
Coordinator of Environmental and Regulatory
Affairs (406) 259-7860

The transfer will become effective on November 1, 1991. Individual Sundry notices for each well will be forwarded to the BLM with a copy to the State of Utah by Balcron Oil in the near future. These Sundry Notices will include the bond number, effective date and a statement agreeing to be responsible under the terms and conditions of the lease.

Please contact the undersigned if there are any questions. Thank you.

Sincerely,


James M. Pachulski
Staff Regulatory Specialist

JMP:ka

cc: Balcron Oil

Maxus Energy Corporation
717 North Harwood Street
Dallas, Texas 75201
214 953-2000

11/1/91

MAXUS

TO: INTEREST OWNERS

SALES OF WELLS

MAXUS HAS SOLD ALL THEIR NORTH DAKOTA, MONTANA, UTAH, AND
WYOMING (EXCEPT ALPHA FIELD in WYOMING) EFFECTIVE 11/1/91.

TO: BALCON OIL & GAS CO
P. O. BOX 21017
BILLINGS, MT 59104

PRODUCTION DEPT / JENICE FUGERE

PH: 406/259-7860

IT IS MY UNDERSTANDING THAT MAXUS WILL OPERATE THESE WELLS UNTIL
NOVEMBER 1, 1991, ~~BUT THAT IS SUBJECT TO CHANGE~~ I JUST WANTED TO
GIVE YOU THEIR NAME AND ADDRESS.

Nancy Lawrence

Nancy Lawrence / 214/953-2177
Oil Accounting

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NOV 29 1991

DIVISION OF
OIL GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 SOUTH 500 EAST
VERNAL, UTAH 84078

TAKE
PRIDE IN
AMERICA

IN REPLY REFER TO:

3162.3
UT08438

JAN 02 1992

Equitable Resources Energy Company
Attn: Bobbie Schuman
P.O. Box 21017
Billings, Montana 59104

43-013-30516
Re: Well No. Paiute Federal 11-17
NWNW, Sec. 17, T9S, R17E
Uintah County, Utah
Lease U-3563-A

Dear Ms. Schuman:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Equitable Resources Energy Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. MT0576, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Ed Forsman of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II
Assistant District Manager for Minerals

cc: Maxus Exploration Company

RECEIVED

JAN 06 1992

DIVISION OF
OIL, GAS & MINING

1-LCR
2-DTS
3-VLC
4-RJF
5-RWM
6-ADA 7-LCR

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-91)

TO (new operator) BALCRON OIL
(address) P. O. BOX 21017
1601 LEWIS AVENUE BUILDING
BILLINGS, MT 59104
phone (406) 259-7860
account no. N9890 (12-5-91)

FROM (former operator) MAXUS EXPLORATION COMPANY
(address) 717 N. HARWOOD, STE 2900
DALLAS, TX 75201
JAMES PACHULSKI (WYO)
phone (307) 266-1882
account no. N 0865

Well(s) (attach additional page if needed):

Name: <u>**SEE ATTACHED**</u>	API: <u>43-613-30671</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 10-10-91)
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 10-9-91)
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) If yes, show company file number: dba 097441. (Owned by Equitable Resources Energy Company #134640)
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (1-10-92)
6. Cardex file has been updated for each well listed above. (1-13-92)
7. Well file labels have been updated for each well listed above. (1-13-92)
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (1-10-92)
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

TY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

D VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

SE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

MING

1. All attachments to this form have been microfilmed. Date: _____ 19____.

ING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

MENTS

- 911007 Btm/Vernal "No documentation as of yet."
- 911025 Btm/Vernal "Have documentation - not approved as of yet." Will notify DiBm when approved.
- 911125 Btm/Vernal " "
- 911231 Btm/Vernal " "
- 920110 Baleron/Bobby Schuman Reg. Transfer of Authority to Inject "Partette Bench Unit #4" and
- 1134-35 Sundry for operator change "Rustlepeak St. 43-16."



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

DOGM 56-64-
an equal opportunity employer

Page 2 of 5

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ATTN NANCY LAWRENCE
MAXUS EXPLORATION COMPANY
717 N. HARWOOD, STE 2900
DALLAS TX 75201-

Utah Account No. N0865
Report Period (Month/Year) 12 / 91
Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
✓ 4301330582	01135 09S	17E 6	GRRV				
✓ 4301330612	01140 09S	17E 5	GRRV				
✓ 4301330634	01150 09S	16E 15	GRRV				
✓ 4301330631	01160 09S	16E 15	GRRV				
✓ 4301330613	01165 09S	16E 15	GRRV				
✓ 4301330632	01170 09S	16E 15	GRRV				
✓ 4301330633	01175 09S	16E 15	GRRV				
✓ 4301330630	01180 09S	16E 10	GRRV				
✓ 4301330594	01181 09S	16E 16	GRRV	✓	mL-16532 (Have Doc. fr. Mexus - Need doc. fr. Bx 1000)		
✓ 4301330778	01200 09S	17E 8	GRRV				
✓ 4301330666	01205 09S	17E 7	GRRV				
✓ 4301330516	01210 09S	17E 17	GRRV				
✓ 4301330671	01215 09S	17E 4	GRRV				
TOTAL							

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR: BALCRON OIL LEASE: U-3563-A
WELL NAME: PAIUTE FED 11-17 API: 43-013-30516
SEC/TWP/RNG: 17 09.0 S 17.0 E CONTRACTOR:
COUNTY: DUCHESNE FIELD NAME: MONUMENT BUTTE

DRILLING/COMPLETION/WORKOVER:

- APD	- WELL SIGN	- HOUSEKEEPING	- BOPE
- SAFETY	- POLLUTION CNTL	- SURFACE USE	- PITS
- OPERATIONS	- OTHER		

SHUT-IN / TA -:
- WELL SIGN - HOUSEKEEPING - EQUIPMENT * - SAFETY
- OTHER

ABANDONED:

- MARKER	- HOUSEKEEPING	- REHAB	- OTHER
----------	----------------	---------	---------

PRODUCTION:

Y WELL SIGN	Y HOUSEKEEPING	Y EQUIPMENT *	Y FACILITIES *
Y METERING *	Y POLLUTION CNTL	Y PITS	Y DISPOSAL
Y SECURITY	Y SAFETY	- OTHER	

GAS DISPOSITION:

- VENTED/FLARED	Y SOLD	Y LEASE USE
-----------------	--------	-------------

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED:

LOCATION, WELLHEAD, METER, PUMP JACK, 2-400 BBL OIL TANKS,

REMARKS:

POW

ACTION:

INSPECTOR: MICHAEL HEBERTSON

DATE: 06/01/92

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-211
2-DPS	8-LEC
3-VLC	
4-RJE	
5-RWM	
6-ADA	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-1-93)

TO (new operator) <u>EQUITABLE RESOURCES ENERGY CO</u> FROM (former operator) <u>BALCRON OIL</u>
(address) <u>BALCRON OIL DIVISION</u> (address) <u>PO BOX 21017</u>
<u>PO BOX 21017</u> <u>BILLINGS MT 59104</u>
phone (<u>406</u>) <u>259-7860</u> phone (<u>406</u>) <u>259-7860</u>
account no. <u>N 9890</u> account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: **ALL WELLS**	API: <u>43-013-30524</u>	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 3-8-93)
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: 134640.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-19-93)
- See 6. Cardex file has been updated for each well listed above. (3-19-93)
- See 7. Well file labels have been updated for each well listed above. (3-19-93)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-19-93)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) *930319 Re'd bond rider e H. 3-4-93.

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #5578314/80,000 Belton Oil, A Division of Equitable Resources Energy Company.
2. A copy of this form has been placed in the new and former operators' bond files. *Upon completion of routing.
3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases. see comments below

FILMING

1. All attachments to this form have been microfilmed. Date: March 30 1993.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

930308 Btm / S.L. No change necessary, they always recognized company name as "Equitable Resources Energy Company, Belton Oil Division".

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DAWN SCHINDLER
BALCRON OIL
PO BOX 21017
BILLINGS MT 59104

Utah Account No. N9890

Report Period (Month/Year) 1 / 93

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
ALLEN FEDERAL 21-5							
4301330612	01140 09S 17E 5	GRRV					
CASTLE PK FED. 22-15							
4301330634	01150 09S 16E 15	GRRV					
CASTLE PK FED 24-15							
4301330631	01160 09S 16E 15	GRRV					
CASTLE PK FED 31-15							
4301330613	01165 09S 16E 15	GRRV					
CASTLE PK FED 33-15							
4301330632	01170 09S 16E 15	GRRV					
CASTLE PK FED 42-15							
4301330633	01175 09S 16E 15	GRRV					
CASTLE PK FED 44-10							
4301330630	01180 09S 16E 10	GRRV					
CASTLE PK ST 43-16							
4301330594	01181 09S 16E 16	GRRV					
PAIUTE FED 34-8							
4301330778	01200 09S 17E 8	GRRV					
MOCON FED 44-7							
4301330666	01205 09S 17E 7	GRRV					
PAIUTE FED 11-17							
4301330516	01210 09S 17E 17	GRRV					
PAIUTE FED 14-4							
4301330671	01215 09S 17E 4	GRRV					
PAIUTE FED 24-8							
4301330675	01220 09S 17E 8	GRRV					
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

Authorized signature

Telephone



EQUITABLE RESOURCES ENERGY COMPANY,
BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104
(406) 259-7860
FAX: (406) 245-1364

March 4, 1993

State of Utah
Uintah County
152 East 100 North
Vernal, UT 84078

Gentlemen:

Effective March 1, 1993, the name of our company has changed from Balcron Oil Company to Equitable Resources Energy Company, Balcron Oil Division.

Please make the necessary changes in your records and let me know if there is anything else we need to do in order to effect the change for the 1993 Uintah County Business License.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

RECEIVED

MAR 08 1993

DIVISION OF
OIL GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

JAN 2 1996

OPERATOR Equitable Resources Energy Company,
Balcron Oil Division
ADDRESS 1601 Lewis Avenue
Billings, MT 59102

Well name and number: Paiute Federal #11-7

Field or Unit name: Beluga Unit Lease no. U-3563-A

Well location: QQ NW NW section 17 township 9S range 17E county Duchesne

Is this application for expansion of an existing project? . . Yes ☐ No ☒

Will the proposed well be used for: Enhanced Recovery? . . Yes ☒ No ☐
Disposal? Yes ☐ No ☒
Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

Date of test: _____

API number: 43-013-30516

Proposed injection interval: from 4094' to 5596'

Proposed maximum injection: rate 500 BPD pressure 2100 psig

Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within $\frac{1}{2}$ mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Will be filed separately.

I certify that this report is true and complete to the best of my knowledge.

Name Bobbie Schuman
Title Regulatory & Environmental Specialist
Phone No. (406) 259-7860

Signature Bobbie Schuman
Date November 14, 1995

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

**Underground Injection Control (UIC)
Permit Application
Supplement Attachment To Form Four**

**Equitable Resources Energy Company, Western Region
Beluga Unit Waterflood
Duchesne County, Utah**

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Figure #2	Water Injection Facilities Map
Figure #3	Produced Water Gathering Facilities Map
Figure #4	Surface And Lease Ownership
Figure #5	Produced Water Analysis Report
Figure #6	Johnson Water Supply Analysis Report Without Chemical
Figure #7	Johnson Water Supply Analysis Report With Chemical
Figure #8	Pressure Build Up Test

List of Exhibits

Exhibit-A	Area of Review Well List
Exhibit-B	Well Data Sheets and Scout Cards
Exhibit-C	Individual Sand Isopach Maps
Exhibit-D	Well Perforation Intervals
Exhibit-E	Fracture Pressure Data
Exhibit-F	Packer Fluid Recommendation
Exhibit-G	Core Analysis
Exhibit-H	Proposed Injection Well Surface Equipment
Exhibit-I	Proposed Injection Well Completion Diagrams
Exhibit-J	Plugging and Abandonment Diagrams
Exhibit-K	Evidence of Financial Ability
Exhibit-L	Existing EPA Permits Held by Equitable Resources Energy Company

**Underground Injection Control (UIC)
Permit Application
Supplement Attachment To Form Four**

Company: Equitable Resources Energy Company (EREC)
Project: Beluga Unit Waterflood
Monument Butte Field
Section 7,8,16,17,& 18, T9S, R17E
Duchesne County, Utah

A) AREA OF REVIEW METHODS.

- 1) The area of review is a fixed radius of 1/4 mile from the proposed Unit boundary and/or proposed injection wells. This area of review was selected to ensure that any future development in this area would be covered.

B) MAPS OF WELLS/AREA & AREA OF REVIEW.

- 1) Figure #1 - Topographic Map showing the area of review. A 1/4 mile radius from the proposed injection wells is outlined with all wells in the prescribed area located and identified.

Refer to Exhibit-A for a list of wells within the area of review.

- 2) Figure #2 - Proposed Water Injection Facilities Map.
- 3) Figure #3 - Proposed Produced Water Gathering Facilities Map.
- 4) Figure #4 - Surface and lease ownership map.
All surface within the area of review is owned by the Bureau of Land Management except for Section 16, T9S, R17E which is owned by the State of Utah.

C) CORRECTIVE ACTION PLAN AND WELL DATA.

- 1) A tabulation of well data is presented for each well within the area of review, refer to Exhibit-B, well data sheets & scout cards. Note that the proposed area of review for the Beluga Unit overlaps with the approved area of review for the Jonah Unit (Operated by Equitable Resources Energy Company) and Pleasant Valley Unit (Operated by Enscher Exploration Inc.). Please refer to the approved UIC permits for details on the wells in these areas.

Jonah Unit	Area Permit Number UT2642
Pleasant Valley Unit	Area Permit Number UT2771

- 2) It is proposed to inject water into multiple sands of the Green River Formation using injection packer assemblies which will be landed on tubing. The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor and the backside pressure will be monitored daily. If abnormal backside pressure is detected the well will be pulled to determine the source of the leak.

D) MAPS AND CROSS SECTIONS OF USDW.

-Does not apply to Class Two injection wells.

E) NAME AND DEPTH OF USDW.

- 1) There are no underground sources of drinking water or water wells in

the area of review. No fresh water sources will be affected by these water injection operations. The top of the saline water bearing horizon in this area is 4800 feet to 5000 feet mean sea level which falls in the Uintah Formation. This information was provided by Gil Hunt with the Division of Oil, Gas, & Mining, State of Utah. The average MSL elevation for the area of review is 5350 feet which basically puts the top of the saline water horizon at surface to approximately 500 feet. There have been no fresh water bearing zones encountered in this area of review.

F) MAPS AND CROSS SECTIONS OF GEOLOGIC STRUCTURE OF AREA.

- Does not apply to Class Two injection wells.

G) GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES.

1) The flooding objectives of the proposed Beluga Unit waterflood are lenticular channel sandstones which are distributed throughout the Douglas Creek Member of the Green River Formation. These sands occur over 1550 feet of vertical section at an average depth range of 3750 feet to 5300 feet. They exhibit a fining upward grain size, typical of fluvial channel deposits, with an average thickness of 15 feet. Due to the multiple potential waterflood horizons in the Douglas Creek Member, Equitable Resources Energy Company is requesting approval to inject water into any or all of the occurring sands within this interval. Refer to Exhibit-C for individual sand isopach maps.

2) For specific injection intervals please refer to the perforation intervals of each proposed injection well outlined in Exhibit-D and the welldata sheets and wellbore diagrams provided in Exhibit-B.

3) Estimated Formation Tops: See Type Log for the Paiute Federal #43-8

Uintah Formation	Surface to 1450 ft.
Green River Formation	1450 ft to 5400 ft.
Douglas Creek Member	4560 ft to 5400 ft.
Douglas/Wasatch Transition	5400 ft to 5950 ft.
Wasatch Formation	5950 ft.

Note: The Douglas Creek interval is shown as a member within the Green River Formation.

- 4) The confining zones for the proposed injection intervals consists of mixed continental and lacustrine shales. The Douglas Creek Member is primarily interbedded sand stringers and shale which will act as isolation barriers for the waterflood. The top confining zone is the shales of the Green River Formation and the bottom confining zone is the shales of the Wasatch Formation. Refer to the Type Log for the Beluga Unit area which has been submitted with this permit.
- 5) The injection interval water quality is an analysis of the produced water from the Paiute Federal #11-17. This sample represents an average of the produced water from the Beluga Unit wells. The analysis shows 11,800 mg/l chloride, 9,471 mg/l sodium, and 25,085 mg/l TDS. Refer to Figure-5 for the produced water analysis report.
- 6) The average fracture gradient for the Douglas Creek Member sands is 0.876627 psig/ft. This is an average of all the frac gradients calculated from jobs performed on all zones in the Beluga Unit. Refer to Exhibit-E for pressure and gradient data.
- 7) Calculations for the submitted frac gradients are based on the initial shut in pressures obtained from the frac jobs performed on the Beluga Unit wells. Fracture treatment records show that the frac sand was

displaced with 2% KCl water. The hydrostatic gradient for the 2% KCl water was calculated at 0.43836 psig/ft. This gradient was used to calculate the hydrostatic head of the KCl water and was added to the ISIP. The fracture gradient was then calculated by dividing the sum of these pressures by the average of the perforation depth.

$$\text{Frac Gradient} = (\text{ISIP} + 0.43836 \text{ psig/ft}(\text{Depth})) / \text{Depth}$$

- 8) Cement Bond Logs for the proposed water injection wells and a Beluga Unit Type Log have been enclosed. Cement bond logs for the newly drilled wells will be submitted to the EPA as soon as available.
- 9) The proposed water injection wells were drilled with a rotary rig using a conventional water based mud and/or an air mist to an average total depth of 5800 feet. Production casing was run through the productive sands of the Green River Formation and cemented to a point well above the upper most sand. The wells were then perforated, hydraulically fractured, and put on production. Refer to the welldata sheets presented in Exhibit-B for specific completion details of each well.

H) OPERATING DATA.

- 1) Average water injection volume of 250 STBWPD.
Maximum water injection volume of 500 STBWPD.
- 2) EREC is requesting a maximum injection pressure of 1856 psig based on fracture pressure gradient calculations until step rate test studies can be performed. The average fracture gradient for the Douglas Creek Member sands is calculated at 0.876627 psig/ft. This is an average of all the frac gradients calculated from jobs performed on all zones in the Beluga Unit. However, due to the difference in depth and fracture gradients between the Y-Zones and R-Zones EREC is requesting a maximum injection pressure of 1856 psig based on the fracture gradient and depth of the Y-Zones. The average fracture gradient for the Y-Zones only is calculated at 0.898974 psig/ft. Using the average depth of the shallowest Y-Zone perforations of 3982 feet, the formation parting pressure is calculated at 1856 psig for the Y-Zones. The average fracture gradient for the remaining zones (Excluding Y-Zones) is calculated at 0.866360 psig/ft. Using the average depth of the shallowest perforations for the remaining zones of 4553 feet, the formation parting pressure is calculated at 1973 psig. Thus, by using the lesser of the two calculated formation parting pressures of 1856 psig for a maximum injection pressure, it is reasonable to assume that the formation will not propagate a fracture during injection operations.
- 3) The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor (Cortron R-2383) supplied by Champion Technologies, Inc. The recommended chemical will be mixed with fresh water at a concentration of two percent by volume. A diesel blanket of approximately one barrel will be placed on the backside to prevent the valves from freezing. Refer to Exhibit-F for the recommendation of packer fluid.
- 4) The injection water for the Beluga Unit waterflood will be fresh potable water supplied by Johnson Water Association out of Myton, Utah. This water will be piped from the Johnson water facility approximately 7.5 miles to the Jonah Unit through a six inch fiberglass water supply line which is owned and operated by EREC. It is proposed to extend this line approximately two miles to the Beluga Unit waterflood facilities. The source for this water supply is the Starvation Reservoir which is owned by the Bureau of Reclamation, Central Utah Project. The water is gathered from the Strawberry and Duchesne Rivers into the reservoir just west of the city of Duchesne, Utah and sold accordingly. The analysis for this

water shows 1200 mg/l chloride and 2548 mg/l TDS with a specific gravity of 1.005. Chemicals will be added to the water to reduce oxygen and to prevent corrosion and scaling. The proposed chemicals will be supplied by Champion Technologies out of Vernal, Utah. Refer to Figure-6 and Figure-7 for the analysis of the Johnson water supply.

- 5) As the waterflood progresses and water breakthrough occurs, it is proposed to inject the produced water back into the reservoir. When it is time to inject this produced water the EPA will be notified via letter and a water analysis will be submitted.

I) FORMATION TESTING PROGRAM.

- 1) The porosity of the injection sands averages approximately 12% with a permeability range from 0.1 to 16 millidarcy. The porosity is determined using compensated neutron/density porosity logs and core analysis. The core analysis is from the Allen Federal #34-5, Paiute Federal #24-8, and the Paiute Federal #34-8. The Allen Federal #34-5 well is located outside the Beluga Unit waterflood boundary and the other two are within the unit. These wells represent similar conditions for depositional environment, and reservoir characteristics for the Beluga Unit. Refer to Exhibit-G for the core analysis.
- 2) A mechanical integrity test will be conducted on all proposed water injection wells prior to injection. The casing will be integrity tested by setting a tubing conveyed packer just above the perforations and pressuring the annulus to 1000 psig. The pressure will be held for a one hour test. The results of the mechanical integrity tests will be submitted to the EPA prior to water injection.
- 3) Fracture treating rates, average and maximum pressure, ISIP, and frac gradients have been tabulated for the Beluga Unit and are presented in Exhibit-E and on the well data sheets in Exhibit-B.
- 4) The present reservoir pressure through out the Beluga Unit ranges from a normal pressured reservoir at 2100 psig to depleted conditions at 900 psig. Refer to Figure-8 for a recent pressure build up test performed on the Monument Federal #42-17 in the R2 zone.
- 5) A step rate test will be performed on at least one proposed injection well to determine the formation parting pressure and to more accurately define the maximum allowable injection pressure. It is proposed to perform individual step rate tests on the Y-Zones and R-Zones to better understand the differences in formation parting pressures and to assure that the maximum requested injection pressure does not propagate fractures in any zone during the injection operations.

J) STIMULATION PROGRAM.

- Refer to individual well data sheets for well stimulation and fracture data.

K) INJECTION PROCEDURES.

- 1) The injection procedure for the Beluga Unit waterflood will be as follows:
 - Water from the Johnson Water Association and/or produced water will be piped to the proposed water injection plant located at the Paiute Federal #24-8 well location.
 - The water will be filtered with 50 and 10 micron filters before entering the water storage tanks at the water injection plant.
 - Chemical will be added for oxygen, corrosion, and scaling.
 - A triplex injection pump will be used to pressurize the water to approximately 2300 psig plant pressure.
 - The pressurized water will travel through an injection manifold and

out to the well feed lines.

- Each feed line will supply one injection well.
- Each injection well will be equipped with a flowmeter, choke valve check valve, water filter, tubing and casing annulus pressure gauge.
- The water will be filtered with 5 micron filters before entering the tubing.
- The water will pass down the tubing, past the packer to the perforations.
- Tracer profiles will be run approximately every 6 months which will indicate the percentage of water exiting each set of perforations.

- 2) The injection facility will be equipped with pressure monitoring and safety shut-down devices to protect against high or low pressure failures. It will also have tank level, oil, temperature, and other safety shut-down devices.

L) CONSTRUCTION PROCEDURES.

- 1) It is proposed to drill or re-enter the following wells:

Drill the Monument Federal #23-17B	NE SW Sec.17, T9S, R17E
Re-enter the Monument Butte Fed. #1-8	NW SW Sec.8 , T9S, R17E
Re-enter the State NGC #11-16	NW NW Sec.16, T9S, R17E

- 2) The Monument Federal #23-17B will be drilled and completed similar to the Monument Federal #13-16B, #22-16B, #23-16B, and #33-17B wells. The well will be completed as an oil production well.
- 3) The Monument Butte Federal #1-8 and State NGC #11-16 will be re-entered using a workover rig and power swivel. The wells will be cleaned out to plugback TD and recompleted in additional zones. Refer to the wellbore diagrams presented in Exhibit-B and the proposed injection well diagrams presented in Exhibit-H.

M) CONSTRUCTION DETAILS.

- 1) Refer to Exhibit-I for the proposed well surface injection equipment.
- 2) Refer to Exhibit-B for well data sheets, wellbore diagrams, and scout cards for all wells in the proposed area of review. Refer to Exhibit-H for proposed injection well diagrams. Refer to approved UIC area permits for the Jonah Unit (UT2642) and Pleasant Valley Unit (UT2771) for additional information on wells in the overlapping area of reviews.
- 3) A 25'x 30' water injection plant will be constructed on the location of the Paiute Federal #24-8 proposed water injection well. The water injection plant will be equipped with a produced water gathering and filtering system to reinject produced water as required. High pressure steel water injection lines will be laid and buried from the injection plant to each of the proposed water injection wells.
- 4) The injection wells will be equipped with 2 7/8 inch tubing and an Arrow Set-1 packer set in tension to isolate the injection zones. The packer will be set within 100 feet of the top perforation and will be tested for mechanical integrity. Refer to Exhibit-H for proposed packer setting depths of each water injection well.
- 5) Results of mechanical integrity tests and step rate tests will be submitted to the EPA along with well rework forms for each proposed water injection well prior to injection.

N) CHANGES IN INJECTION FLUID.

- 1) As the waterflood progresses and water breakthrough occurs, it is proposed to inject the produced water back into the formation. When

it is time to inject this produced water the EPA will be notified via letter and a water analysis will be submitted. At this time it is not feasible to make estimates as to the volume or quality of the produced water.

O) PLANS FOR WELL FAILURES.

- 1) All injection wells and related facilities will be monitored daily for integrity. The backside pressure will be checked daily and if abnormal backside pressure is detected the well will be investigated to determine the source of the leak. If a casing leak is found the leak will be isolated and squeezed with cement. The casing will be checked for mechanical integrity to ensure that the squeeze job repaired the leak. If a leak cannot be repaired the well will either be returned to production and pumped off or plugged and abandoned according to the procedure outlined in Section-Q.

P) MONITORING PROGRAM.

- 1) The waterflood will be monitored through the existing oil production wells. Each production well will be monitored for waterflood response and records of daily oil and water production will be kept. Fluid levels will be shot when possible to monitor reservoir pressure and flood advancement. Refer to Figure-1 for the location of these oil production wells.

Q) PLUGGING AND ABANDONMENT PLAN.

- 1) The P&A plan proposed consists of running into the well with tubing and washing the well out to TD to ensure that the perforations are clear. If the well is not dead, mud will be mixed on location to a sufficient weight for killing the well. The mud will be circulated down the tubing and into the casing until the water has been displaced and/or the well has been killed. The well will then have a balanced cement plug using approximately 260 sacks of class-G cement placed over the Douglas Creek Member of the Green River Formation (i.e. over the perforation interval) from TD to a point at least 300 feet above the uppermost perforation. The top of the first cement plug will be at a depth of approximately 3800 feet. The tubing will be pulled out of the hole and the production casing will be perforated for two feet with four shots per foot at a point 100 feet below the surface casing shoe. Circulation will be established to surface, down the casing & up the annulus via the perforations. Cement will be circulated to fill the production casing and the annulus from the perforations to the surface using 100 sx of class-G cement. The top of the second cement plug will be at the surface and the bottom will be 100 feet below the surface casing shoe. A permanent marker will be set identifying the well name, lease, location, elevation, and plugging date.
- 2) Refer to Exhibit-J for plugging and abandonment plan and diagrams.

R) NECESSARY RESOURCES.

- 1) Refer to Exhibit-K for evidence of financial ability to plug and abandon the proposed injection wells.

S) AQUIFER EXEMPTION.

-No aquifer exemption is requested.

T) EXISTING EPA PERMITS.

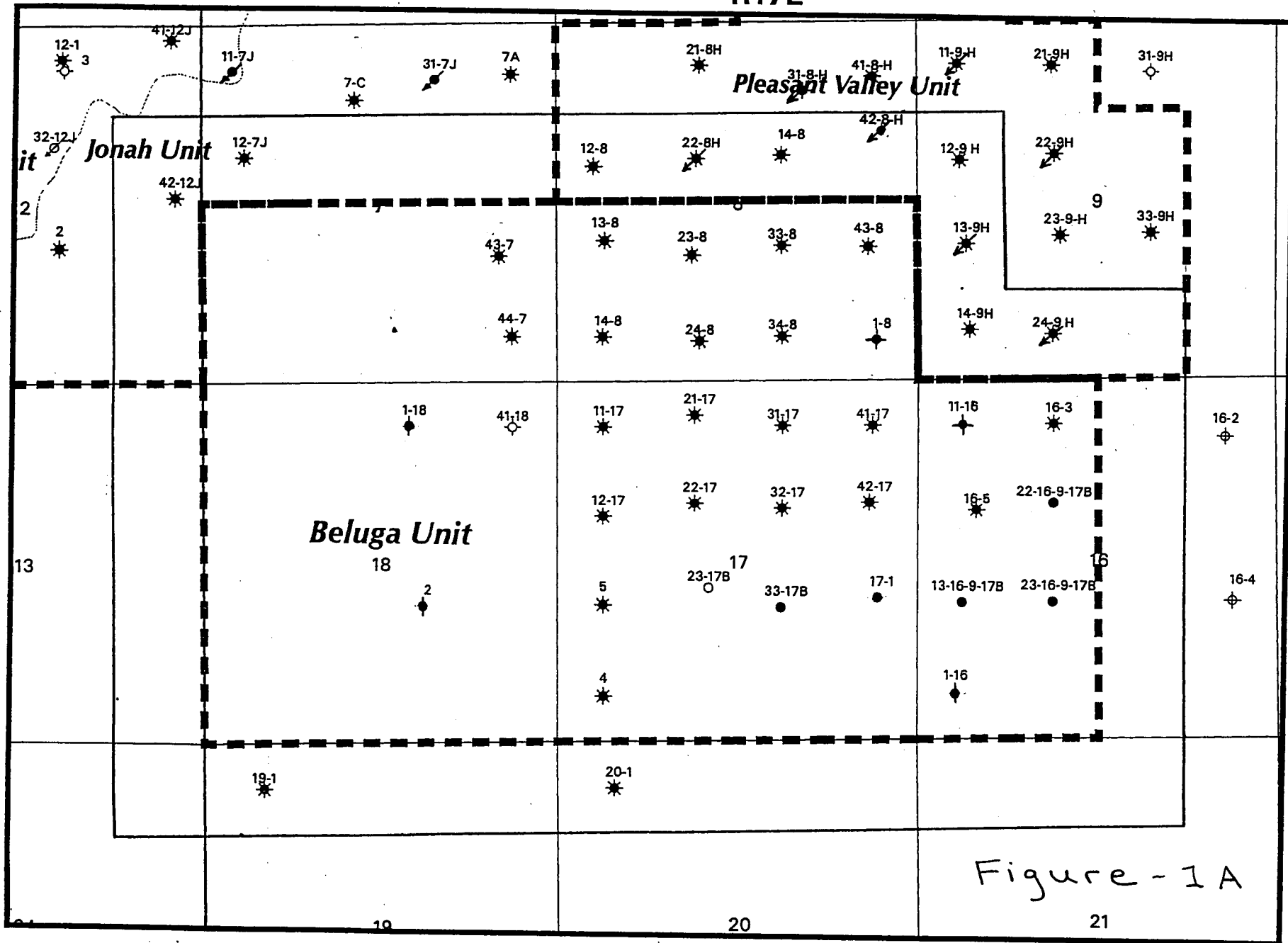
- 1) Refer to Exhibit-L for existing EPA permits held by Equitable Resources Energy Company, Western Region.

U) DESCRIPTION OF BUSINESS.

- 1) Equitable Resources Energy Company is an independent oil and gas production company located in Billings, Montana. EREC employs engineers, geologists, and a field staff with the knowledge and technical experience required to maintain and operate the proposed facilities.

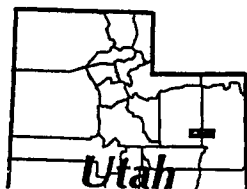
R16E

R17E



T9S

Figure - 1A



----- Unit Boundaries
 _____ Area of Review



Equitable Resources Energy Company

Beluga Unit

Figure 1

Duchesne County, Utah

Well spot map/ Area of review

OPERATOR EQUITABLE RESOURCES ENERGY
ADDRESS BALCRON OIL DIVISION

OPERATOR ACCT. NO. H9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		11880				9S	17E		DUCHESNE		
WELL 1 COMMENTS: *BELUGA UNIT EFF 2-1-96 (SEE ATTACHED LIST OF WELLS BEING CHANGED FROM CURRENT ENTITY TO NEW UNIT ENTITY 11880).											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

Title

2-22-96

Date

Phone No. ()

**EQUITABLE RESOURCES
ENERGY COMPANY****BALCRON OIL DIVISION**1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860**★FAX TRANSMITTAL★****FAX NO.: (406) 245-1368**

TO: NAME: Leesha
COMPANY: Utah, Division of Oil, Gas, & Mining
DATE: 02-21-96
FAX #:

FROM: Molly Conrad
Equitable Resources Energy Company, Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
Phone: (406) 259-7860 ext 236

TOTAL # OF PAGES 2
(including this cover sheet)

If you do not receive all pages, please call back as soon as possible at (406) 259-7860.

TELECOMMUNICATOR: mmc

SPECIAL INSTRUCTIONS:

Here is a list of the Beluga Unit wells that you requested yesterday. Please let me know when you come up with an Entity Action number for them. The unit was effective 2-1-96, so I will have to change all of my records before reporting February production.

Thanks for your help!!

NOTE: The information contained in this facsimile message is privileged and confidential, and is intended only for the use of the individual(s) or entity name above who have been specifically authorized to receive it. If the reader is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return all pages to the address shown above. **THANK YOU.**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 1 of 11

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 12 / 95AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
BOLL WEEVIL FED 26-13								
4301330770	00035	08S 16E 26	GRRV					
CASTLE PK ST 43-16								
4301330594	01181	09S 16E 16	GRRV					
WPAUTE FEDERAL 34-8								
4301330778	01200	09S 17E 8	GRRV					
MOCON FED 44-27								
4301330666	01205	09S 17E 7	GRRV					
WPAUTE FED 14-17								
4301330516	01210	09S 17E 17	GRRV					
WPAUTE FED 24-8								
4301330675	01220	09S 17E 8	GRRV					
JORNEY FED 1-9								
4304730070	01260	09S 19E 9	GRRV					
CASTLE PK FED 24-10A								
4301330555	01281	09S 16E 10	GRRV					
HENDEL FED 1-17								
4304730059	01305	09S 19E 17	GRRV					
HENDEL FED 3-17								
4304730074	01305	09S 19E 17	GRRV					
HENDEL FED. 1-9								
4304720011	01310	09S 19E 9	GRRV					
PARIETTE BENCH FED 14-5								
4304731123	01335	09S 19E 5	GRRV					
PARIETTE BENCH UNIT 2								
4304715680	01345	09S 19E 7	GRRV					
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 2 of 11

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 12 / 95AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
PARIETTE BENCH FED 41-7								
4304731584	01346	09S 19E 7	GRRV					
SUE MORRIS 16-3								
4301330562	01450	09S 17E 16	GRRV					
STATE 16-2								
4301330552	01451	09S 17E 16	GRRV					
K JORGENSON ST 16-4								
4301330572	01452	09S 17E 16	GRRV					
ED DUNCAN ST 16-5								
4301330570	01453	09S 17E 16	GRRV					
EPA 101 FEDERAL 43-8								
01330777	02042	09S 17E 8	GRRV					
FEDERAL 41-18								
4301330332	08100	09S 17E 18	DGCRK					
POMCO #2								
4301330505	08101	09S 17E 18	GR-WS					
POMCO #4								
4301330506	08102	09S 17E 17	GRRV					
POMCO #5								
4301330499	08104	09S 17E 17	GRRV					
PARIETTE BENCH FED 32-6								
4304731554	09885	09S 19E 6	GRRV					
PARIETTE BENCH FED 43-6								
4304731616	10280	09S 19E 6	GRRV					
MAXUS FEDERAL 23-8								
4301331196	10800	09S 17E 8	GRRV					
TOTALS								

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

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MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT ☐ (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
COYOTE FEDERAL 21-5								
4304732260	11500	08S 25E 5	GRRV					
COYOTE FEDERAL 13-5								
4304732261	11500	08S 25E 5	GRRV					
FEDERAL 22-10Y								
4301331395	11501	09S 17E 10	GRRV					
FEDERAL 41-21Y								
4301331392	11505	09S 16E 21	GRRV					
FEDERAL 44-14Y								
4304732438	11506	09S 17E 14	GRRV					
FEDERAL 21-13Y								
4301331400	11510	09S 16E 13	GRRV					
FEDERAL 21-9Y								
4301331396	11513	09S 16E 9	GRRV					
MONUMENT FEDERAL 21-17								
4301331387	11528	09S 17E 17	GRRV					
FEDERAL 21-8								
4301331398	11529	09S 17E 8	GRRV					
FEDERAL 21-25Y								
4301331394	11530	09S 16E 25	GRRV					
MONUMENT FEDERAL 21-8								
4301331382	11574	09S 17E 8	GRRV					
MONUMENT FEDERAL 21-8								
4301331427	11613	09S 17E 8	GRRV					
MONUMENT FEDERAL 43-7								
4301331432	11616	09S 17E 7	GRRV					
TOTALS								

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Signature: _____

Telephone Number: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1207

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MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: **N9890**REPORT PERIOD (MONTH/YEAR): **12 / 95**AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 11-25 4304732455	11625	08S 17E 25	GRRV					
MONUMENT FEDERAL 31-17 4301331428	11635	09S 17E 17	GRRV					
MONUMENT FEDERAL 22-17 4301331429	11638	09S 17E 17	GRRV					
BALCRON MONUMENT FEDERAL 12-17 4301331431	11640	09S 17E 17	GRRV					
ALLEN FEDERAL 31-6G 4301331442	11642	09S 17E 6	GRRV					
BALCRON FEDERAL 41-19Y 24732504	11651	09S 18E 19	GRRV					
BALCRON MONUMENT STATE 14-2 4301331425	11656	09S 17E 2	GRRV					
FEDERAL 44-4Y 4301331452	11679	09S 17E 4	GRRV					
FEDERAL 31-5Y 4304732503	11680	09S 18E 5	GRRV					
BALCRON MONUMENT FEDERAL 21-25 4304732528	11683	08S 17E 25	GRRV					
MONUMENT FEDERAL 41-17 4301331466	11692	09S 17E 17	GRRV					
MONUMENT FEDERAL 12-25 4304732526	11694	08S 17E 25	GRRV					
MONUMENT FEDERAL 24-17 4301331467	11698	09S 17E 17	GRRV					
TOTALS								

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3rd Floor, Suite 350, Salt Lake City, UT 84180-1203

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MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
PI Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 32-17								
4301331465	11704	09S 17E 17	GRRV					
MONUMENT FEDERAL 32-25								
4304732524	11707	08S 17E 25	GRRV					
MONUMENT FEDERAL 31-25								
4304732530	11710	08S 17E 25	GRRV					
BALCRON FEDERAL 12-22Y								
4301331476	11717	08S 17E 22	GRRV					
MONUMENT FEDERAL 33-25								
4304732525	11729	08S 17E 25	GRRV					
MONUMENT FEDERAL 23-25								
4304732529	11730	08S 17E 25	GRRV					
BALCRON MONUMENT STATE 24-2								
4304732612	11736	09S 17E 2	GRRV					
BALCRON MONUMENT STATE 13-2								
4301331482	11738	09S 17E 2	GRRV					
BALCRON MONUMENT STATE 22-2								
4304732610	11742	09S 17E 2	GRRV					
BALCRON MONUMENT STATE 12-2								
4301331481	11745	09S 17E 2	GRRV					
BALCRON FEDERAL 31-19Y								
4304732614	11751	09S 18E 19	GRRV					
BALCRON FEDERAL 42-19Y								
4304732616	11756	09S 18E 19	GRRV					
BALCRON FEDERAL 12-20Y								
4304732617	11758	09S 18E 20	GRRV					
TOTALS								

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Signature: _____

Telephone Number: _____

ENTITY ACTION FORM - FORM 6

OPERATOR EQUITABLE RESOURCES ENERGY
ADDRESS BALCRON OIL DIVISION

OPERATOR ACCT. NO. 19890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		11880				9S	17E		DUCHESNE		
WELL 1 COMMENTS: *BELUGA UNIT EFF 2-1-96 (SEE ATTACHED LIST OF WELLS BEING CHANGED FROM CURRENT ENTITY TO NEW UNIT ENTITY 11880).											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

2-22-96

Title

Date

Phone No. ()

**EQUITABLE RESOURCES
ENERGY COMPANY****BALCRON OIL DIVISION**1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860**★FAX TRANSMITTAL★****FAX NO.: (406) 245-1365**

TO: NAME: Leesha
COMPANY: Utah, Division of Oil, Gas, & Mining
DATE: 02-21-96
FAX #:

FROM: Molly Conrad
Equitable Resources Energy Company, Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
Phone: (406) 259-7860 ext 236

TOTAL # OF PAGES 2
(including this cover sheet)

If you do not receive all pages, please call back as soon as possible at (406) 259-7860.

TELECOMMUNICATOR: mmc

SPECIAL INSTRUCTIONS:

Here is a list of the Beluga Unit wells that you requested yesterday. Please let me know when you come up with an Entity Action number for them. The unit was effective 2-1-96, so I will have to change all of my records before reporting February production.

Thanks for your help!!

NOTE: The information contained in this facsimile message is privileged and confidential, and is intended only for the use of the individual(s) or entity name above who have been specifically authorized to receive it. If the reader is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return all pages to the address shown above. **THANK YOU.**

✓ A. Anderson State #1-16	Monument Butte	SW SW	16	9S	17E	Duchesne	UT	Oil (SI)	Green River	ML-3453	43-013-15582	660' FSL, 560' FWL		Beluga
✓ Balcon Monument Fed. #12-17	Monument Butte	SW NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31431	1980' FNL, 660' FWL	Vernal	Beluga
✓ Balcon Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Vernal	Beluga
✓ Balcon Monument Fed. #14-8	Monument Butte	SW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31388	660' FSL, 660' FWL	Vernal	Beluga
✓ Balcon Monument Fed. #21-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-31387	500' FNL, 1980' FWL	Vernal	Beluga
✓ Balcon Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Vernal	Beluga
✓ Balcon Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #32-17	Monument Butte	SW NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31455	1860' FNL, 1980' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #41-17	Monument Butte	NE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31456	660' FNL, 660' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31457	1800' FNL, 700' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Vernal	Beluga
✓ D. Duncan State #16-5	Monument Butte	SW NW	16	9S	17E	Duchesne	UT	Oil	Green River	State ML-3453-B	43-013-30570	1922' FNL, 885' FWL		Beluga
✓ DMD Federal #17-1	Monument Butte	NE SE	17	9S	17E	Duchesne	UT	Oil (SI)	Green River	U-44430	43-013-30689	2059' FSL, 0584' FEL	Vernal	Beluga
✓ Federal #1-18	Monument Butte	NW NE	18	9S	17E	Duchesne	UT	OSI	Green River	U-3563	43-013-30332	636' FNL, 2186' FEL	Vernal	Beluga
✓ Maxus Federal #23-8	Monument Butte	NE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31196	1847' FSL, 1947' FWL	Vernal	Beluga
✓ Mocon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-30666	670' FSL, 683' FEL	Vernal	Beluga
✓ Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	PND	Green River	UTU-74108		2217' FSL, 2187' FWL	Vernal	Beluga
✓ Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	PND	Green River	U-72106		1926' FSL, 2000' FEL	Vernal	Beluga
✓ Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL		Beluga
✓ Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL		Beluga
✓ Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578	1980' FSL, 1980' FWL		Beluga
✓ Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516	861' FNL, 664' FWL	Vernal	Beluga
✓ Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30575	660' FSL, 1980' FWL	Vernal	Beluga
✓ Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778	660' FSL, 1980' FEL	Vernal	Beluga
✓ Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777	1958' FSL, 711' FEL	Vernal	Beluga
✓ POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505	1980' FSL, 1980' FEL	Vernal	Beluga
✓ POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506	660' FSL, 660' FWL	Vernal	Beluga
✓ POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Vernal	Beluga
✓ Sue Morris #16-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562	660' FNL, 1980' FWL		Beluga

N4940-Enserch Explor. Inc.
(Oper. chg. in Progress)

N9395-Prod. Recovery Corp.
(Oper. chg. in Progress)

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF EQUITABLE	:	ACTION
RESOURCES ENERGY COMPANY	:	
FOR ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-170
THE 44-7, 13-8, 24-8, 33-8, 1-8, 11-16,	:	
22-16, 13-16, 11-17, POMCO #5,	:	
22-17, 31-17, 42-17, AND 33-17	:	
WELLS LOCATED IN SECTIONS 7, 8,	:	
16 AND 17, TOWNSHIP 9 SOUTH,	:	
RANGE 17 EAST, S.L.M., DUCHESNE	:	
COUNTY, UTAH, AS CLASS II	:	
INJECTION WELLS	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

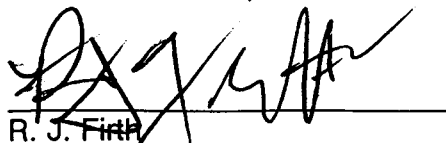
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco #5, 22-17, 31-17, 42-17, and 33-17 wells, located in Section 7, 8, 16 and 17, Township 9 South, Range 17 East, SLM, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 3190 feet to 5596 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 1856 PSIG with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 2nd day of April 1996.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



R. J. Firth
Associate Director, Oil & Gas

**Equitable Resources Energy Company
44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco #5,
22-17, 31-17, 42-17, and 33-17 Wells
Cause No. UIC-170**

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102-4126

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466



Lorraine Platt
Secretary
April 2, 1996



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 2, 1996

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Re: Notice of Agency Action - Cause No. UIC-170

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Larraine Platt
Secretary

Enclosure





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 2, 1996

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-170

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Larraine Platt

Larraine Platt
Secretary

Enclosure



143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D. # 87-0217663

Newspaper Agency Corporation
The Salt Lake Tribune (NA) DESERET NEWS

CUSTOMER'S
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	
DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180	D5385340L-07	04/11/96

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL488200561
SCHEDULE	
START 04/11/96 END 04/11/96	
CUST. REF. NO.	
UIC-170	
CAPTION	

COPY

NOTICE OF AGENCY ACTION
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF EQUITABLE RESOURCES ENERGY COMPANY FOR ADMINISTRATIVE APPROVAL OF THE 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, POMCO #5, 22-17, 31-17, 42-17, AND 33-17 WELLS LOCATED IN SECTIONS 7, 8, 16 AND 17, TOWNSHIP 9 SOUTH, RANGE 17 EAST, SLM, DUCHESNE COUNTY, UTAH, IS CLASS II INJECTION WELLS.

THE STATE OF UTAH, TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER:

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, POMCO #5, 22-17, 31-17, 42-17, and 33-17 wells located in Sections 7, 8, 16 and 17, Township 9 South, Range 17 East, SLM, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Administrative Procedures Act, Chapter 2, Part 1, Sections 2-201 through 2-207.

The interval from 3190 feet to 5595 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 1850 PSIG with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 2nd day of April, 1996.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
R. J. FINE
Associate Director, Oil and Gas
48820050

NOTICE OF AGENCY ACTION CAUSE N	
SIZE	
47 LINES	2.00 COLUMN
RATE	
	1.64
AD CHARGES	
	154.16
TOTAL COST	
	154.16

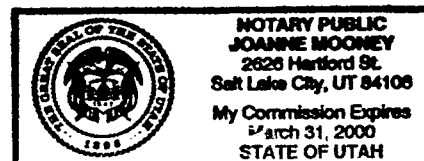
AFFIDAVIT OF PUBLICATION

CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED
ICE OF AGENCY ACTION CAUSE N
FOR
S & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY
OR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS
SH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED
ALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 04/11/96 END 04/11/96

SIGNATURE Joanne Mooney

DATE 04/11/96



THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.



**EQUITABLE RESOURCES
ENERGY COMPANY**

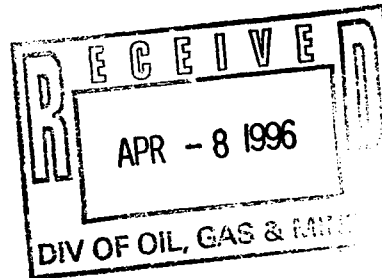
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well
Footages: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See attached listing

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See attached listing

8. Well Name and Number:

See attached listing

9. API Well Number:

See attached listing

10. Field and Pool, or Wildcat:

See attached listing

County: See attached list

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13.

Name & Signature:

Bobbie Schuman
Bobbie Schuman

Regulatory and

Title: Environmental Specialist Date: March 27, 1996

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	LEP 7-SJ	<input checked="" type="checkbox"/>
2	DE 58-FILE	<input checked="" type="checkbox"/>
3	VLD (GTL) 24	<input checked="" type="checkbox"/>
4	RJE	<input checked="" type="checkbox"/>
5	LEP	<input checked="" type="checkbox"/>
6	FTM	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ~~Operator Name Change Only~~

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
phone (406)	<u>259-7860</u>	phone (406)
account no.	<u>N9890</u>	account no.

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>013-30516</u>	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 4-4-96 & 4-8-96)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- Yes 6. Cardex file has been updated for each well listed above. (4-11-96)
- Yes 7. Well file labels have been updated for each well listed above. (4-11-96)
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

5578314 (\$80,000) Schae Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Boucher - Trust Lands

FILMING

- LDK 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/6/04/0 BLM/BIA "Formal approval not necessary"

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 10 of 11

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 3 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entry	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ A ANDERSON STATE 1-16								
4301315582	11880 095	17E 16	GRRV					
✓ FEDERAL 1-18								
4301330332	11880 095	17E 18	DGCRK					
✓ POMCO #5								
4301330499	11880 095	17E 17	GRRV					
✓ POMCO #2								
4301330505	11880 095	17E 18	GR-WS					
✓ POMCO #4								
4301330506	11880 095	17E 17	GRRV					
✓ PAIUTE FED 11-17								
4301330516	11880 095	17E 17	GRRV					
✓ SJE MORRIS 16-3								
4301330562	11880 095	17E 16	GRRV					
✓ D. DUNCAN ST 16-5								
4301330570	11880 095	17E 16	GRRV					
✓ MOCON FED 44-7								
4301330666	11880 095	17E 7	GRRV					
✓ PAIUTE FED 24-8								
4301330675	11880 095	17E 8	GRRV					
✓ FEDERAL D M D 17-1								
4301330689	11880 095	17E 17	GRRV					
✓ PAIUTE FEDERAL 43-8								
4301330777	11880 095	17E 8	GRRV					
✓ PAIUTE FEDERAL 34-8								
4301330778	11880 095	17E 8	GRRV					
TOTALS								

COMMENTS:

hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

UTAH

Monument Federal #33-22-8-17	Monument Butte	NW SE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		2295' FSL, 1950' FEL	Vernal	
Monument Federal #41-18-9-16Y	Monument Butte	NE NE	18	9S	16E	Duchesne	UT	PND	Green River	U-74390			Vernal	
Monument Federal #41-35-9-18Y	Monument Butte	NE NE	35	9S	18E	Uintah	UT	PND	Green River	U-68618		500' FNL, 660' FEL	Vernal	
Monument Federal #42-6-9-16Y	Monument Butte	SE NE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390			Vernal	
Monument Federal #42-20-9-16	Monument Butte	SE NE	20	9S	16E	Duchesne	UT	PND	Green River	U-52108			Vernal	
Monument Federal #43-6-9-16Y	Monument Butte	NE SE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390			Vernal	
Monument Federal #43-19-9-18Y	8 Mile Flat	NE SE	19	9S	18E	Uintah	UT	PND	Green River	U-65635		2140' FSL, 500' FEL	Vernal	
Monument Federal #44-17-9-16	Monument Butte	SE SE	17	9S	16E	Duchesne	UT	PND	Green River	U-52108			Vernal	
Monument Federal #44-31-8-18Y	Monument Butte	SE SE	31	8S	18E	Uintah	UT	PND	Green River	U-65969		915' FSL, 759' FEL	Vernal	
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL		Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL		Beluga
Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578	1980' FSL, 1980' FWL		Beluga
Monument State #31-2-9-17	Monument Butte	NW NE	2	9S	17E	Uintah	UT	PND	Green River	State ML-45555	43-013-31563	500' FNL, 1980' FEL		
Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516	661' FNL, 664' FWL	Vernal	Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675	660' FSL, 1980' FWL	Vernal	Beluga
Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778	660' FSL, 1980' FEL	Vernal	Beluga
Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777	1958' FSL, 711' FEL	Vernal	Beluga
Pariette Bench #4 SWD	Pariette Bench	SW SE	7	9S	19E	Uintah	UT	SWD	Green River	U-017992	43-047-15681	660' FSL, 1980' FEL	Vernal	Pariette Bench
Pariette Bench Federal #14-5	Pariette Bench	SW SW	5	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31123	605' FSL, 479' FWL	Vernal	
Pariette Bench Federal #32-6	Pariette Bench	SW NE	6	9S	19E	Uintah	UT	OSI	Green River	U-50385	43-047-31554	2117' FNL, 2123' FEL	Vernal	
Pariette Bench Federal #41-7	Pariette Bench	NE NE	7	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31584	1008' FNL, 1282' FEL	Vernal	Pariette Bench
Pariette Bench Federal #43-6	Pariette Bench	NE SE	6	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31616	2044' FSL, 721' FEL	Vernal	
Pariette Bench Unit #2	Pariette Bench	SW NE	7	9S	19E	Uintah	UT	Oil	Green River	U-022684-A	43-047-15680	2030' FNL, 1830' FEL	Vernal	Pariette Bench
POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505	1980' FSL, 1980' FEL	Vernal	Beluga
POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506	660' FSL, 660' FWL	Vernal	Beluga
POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Vernal	Beluga
State #16-2	Monument Butte	NE NE	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30552	671' FNL, 748' FEL		
Sue Morris #16-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562	660' FNL, 1980' FWL		Beluga
TXO Federal #1	Coyote Basin	SW NE	5	8S	25E	Uintah	UT	Oil	Green River	U-41376	43-047-31406	1918' FNL, 1976' FEL	Vernal	Coyote Basin
TXO Federal #2	Coyote Basin	SW SE	5	8S	25E	Uintah	UT	OTA	Green River	U-41376	43-047-31567	2085' FNL, 819' FEL	Vernal	Coyote Basin
Walton Federal #1	Monument Butte	SE SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15792	706' FSL, 704' FEL	Vernal	Jonah
Walton Federal #2-14	Monument Butte	NW NE	14	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15793	542' FNL, 1869' FEL	Vernal	Jonah
Walton Federal #34-11	Monument Butte	SW SE	11	9S	16E	Duchesne	UT	WW	Green River	U-096550	43-013-31003	537' FSL, 2092' FEL	Vernal	Jonah
Walton Federal #4-11	Monument Butte	SE NW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15795	1980' FNL, 1975' FWL	Vernal	Jonah



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

May 21, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Re: Application for Injection Wells
Sections 7, 8, 16 and 17
Township 9 South, Range 17 East
Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the following listed wells to Class II injection wells:

Monument State 22-16-9-17B
Monument State 13-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 31-17
Balcron Monument Federal 22-17
Pomco 5
Paiute Federal 11-7
State NGC 11-16
Monument Butte Federal 1-8
Balcron Monument Federal 33-8
Paiute Federal 24-8
Balcron Monument Federal 13-8
Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.



Equitable Resources Energy Company
May 21, 1996
Page 2

2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.
3. Cement bond logs shall be run on the Monument Butte Federal 1-8, State NGC 11-16 and Pomco # 5 wells prior to conversion. Copies of the bond logs shall be submitted to the Division for review to determine if remedial cement work is necessary.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,



R.J. Firth
Associate Director

cc: Chuck Williams, Environmental Protection Agency
Bureau of Land Management, vernal

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: Equitable Resources **Location:** Belugu Unit

Wells: 44-7,13-8,24-8,33-8,1-8,11-16,22-16,13-16,11-17,Pomco#5,22-17,31-17,42-17 and 33-17

Ownership Issues: The proposed wells are located in sections 7, 8 and 16, township 9 south, range 17 east, Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. Equitable has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

Well Integrity: The 14 wells proposed for conversion to injection all have surface casing set at approximately 300 feet \pm 30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 5600 feet - 6000 feet, and were all cemented above the injection zone. The 1-8 and 11-16 wells are plugged and abandoned wells. The Pomco # 5 well is an old shut in producer, there are no cement bond logs on these three wells. Equitable has been notified that they must run bond logs on these wells and submit them to the Division prior to conversion. Cement bond logs are on file with the Division and verify reported cement tops on the other proposed injectors. The interval from 3190-5596 feet (Green River Formation) will be selectively perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 25 producing wells 5 plugged and abandoned wells, 5 shut in producers and 3 newly drilled wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. All of the plugged wells have adequate plugs. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

Ground Water Protection: The base of moderately saline water in the area of the project is at a depth of approximately 300-500 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field averages .87 psi/ft resulting in a maximum allowed surface pressure of 1975 psi. A maximum pressure of 1856 psig was requested and injection pressures for each of the injectors will be

maintained at this pressure. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

Oil/Gas & Other Mineral Resources Protection: Equitable Resources is the operator of the Belgu Unit. A unit agreement was previously formed, correlative rights issues were addressed before the Board of Oil, Gas and Mining when the matter was heard.

Bonding: Equitable is the operator of all wells within the project and is bonded by the Federal Government.

Actions Taken and Further Approvals Needed: These applications are for wells in an existing waterflood unit, previously supplied data and information along with newly submitted data supports a decision to approve the wells for conversion to injection. A public notice has been published in both the Salt Lake Tribune and the Uinta Basin Standard. The applications for the injection wells are technically complete. Cement bond logs need to be run on the 1-8, 11-16 and pomco #5 wells. A casing pressure test needs to be conducted when the well is converted and a casing/tubing pressure test run prior to injection. The casing tubing annulus needs to be pressured to 1000 psi and not 500 psi as stated in the permit. Following the 15 day comment period if no objections are received it is recommended to issue an approval to convert the wells and an injection permit. There are no special conditions or stipulations other than running the bond logs on the specified wells and the permit should be granted in accordance with the conditions set forth in the application.

DJJ
Reviewers

05-21-96
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

U-72106

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Beluga Unit

8. Well Name and No.

Painte Fed. #11-17

9. API Well No.

43-047-30516

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Uintah Co, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other WIW

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW NW 17-T9S-R17E

661' FNL, 664' FNL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

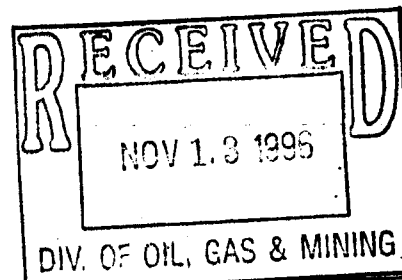
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other request for approval to inject
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well has been converted to a water injection well in accordance with the attached wellbore diagram and EPA Well Rework form. Water injection will commence when final approval has been received from the EPA, BLM, and Utah DOGM. This sundry notice is to request that approval to inject.

ORIGINAL: Bureau of Land Management (Vernal, UT) (Attention: Wayne Bankert)
COPY: Utah Division of Oil, Gas and Mining (Attention: Dan Jarvis)
COPY: U.S. EPA (Attention: Chuck Williams)



14. I hereby certify that the foregoing is true and correct

Regulatory and
Environmental Specialist

November 12, 1996

Signed

Robbie Schuman

Title

Date

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

WD tax credit denied 9/97

STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

INJECTION WELL - PRESSURE TEST

Test Date: 11-13-96 Well Owner/Operator: Equitable
Disposal Well: _____ Enhanced Recovery Well: X Other: _____
API No.: 43-01330518 Well Name/Number: 11-17
Section: 17 30518 Township: 9S Range: 17E

Initial Conditions:

Tubing - Rate: 0 Pressure: 500 psi
Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1100</u>	<u>500</u>
5		
10		
15		
20		
25		
30		
hr.	<u>1100</u>	
Results: Pass/Fail		

Conditions After Test:

Tubing Pressure: 500 psi
Casing/Tubing Annulus Pressure: 0 psi

REMARKS:

Passed MIT - well held 1100 psi 1 hr.

Operator Representative

D. James
DOGM Witness

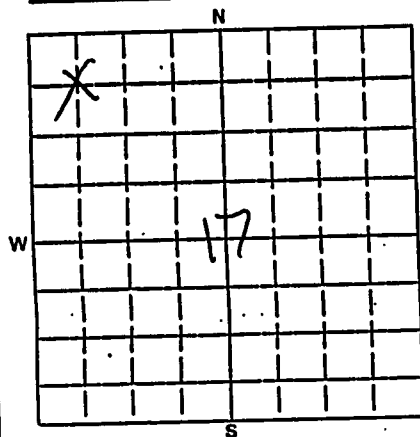
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE

Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102

NAME AND ADDRESS OF CONTRACTOR

Cannon Well Service
P.O. Box 1335
Vernal, Utah 84078LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT — 640 ACRES

STATE

COUNTY

Utah

Duchesne County

PERMIT NUMBER

U-72106

SURFACE LOCATION DESCRIPTION

NW 1/4 OF NW 1/4 OF 1/4 SECTION 17 TOWNSHIP 9S RANGE 17E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location 661 ft. from (N/S) N Line of quarter section

and 664 ft. from (E/W) W Line of quarter section

UT 2798-043012

WELL ACTIVITY

- ☐ Brine Disposal
☒ Enhanced Recovery
☐ Hydrocarbon Storage

Total Depth Before Rework

5760' KB

Total Depth After Rework

5760' KB

Date Rework Commenced

10/13/96

Date Rework Completed

10/16/96

Lease Name

Beluga Unit

TYPE OF PERMIT

☐ Individual☐ Area

Number of Wells —

Well Number

Payote Federal
#11-17

WELL CASING RECORD — BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
See Attached						

WELL CASING RECORD — AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
See Attached						

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

Isolated individual zones established in
 Rates into each zone. Pick up new injection
 tubing & set Arrow Set-1 PKR @ 3959' KB.
 Load casing annulus w/ 55 gal. Champion
 Corton 2383 PKR fluid mixed w/ 61 BBL
 2% KCL water.

WIRE LINE LOGS. LIST EACH TYPE

Log Types

Logged Intervals

CAL, Comp. Density
CBL/GR

TD to Surface

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

John Zellitti
Senior Prod. Engr.

SIGNATURE

DATE SIGNED

11-11-96



WELL NAME: **Palute Federal #11-17**
FIELD: Monument Butte (Beluga Unit)
FEDERAL LEASE NO.: U-72106
LOCATION: NW NW Sec.17, T9S, R17E
FOOTAGE: 661' FNL, 664' FWL
COUNTY/STATE: Duchesne County, Utah
WORKING INTEREST: 0.91491728
PRODUCING FORMATION: Green River
COMPLETION DATE: 8/29/82
INITIAL PRODUCTION: 118 BO, 8 BW, 40 MCFPD
OIL/GAS PURCHASER: Amoco/Universal
PRESENT PROD STATUS: Prod
ELEVATIONS - GROUND: 5388' GL
TOTAL DEPTH: 5760' KB

DATE : 10/28/96 DZ

API NO.: 43-013-30516

NET REVENUE INTEREST: 0.80471769 Oil
0.73108274 Gas

SPUD DATE: 6/25/82

OIL GRAVITY: 30

BHT:

KB: 5400' KB (12' KB)

PLUG BACK TD: 5716' KB

SURFACE CASING

STRING: 1
CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 265'
DEPTH LANDED: 277' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs

PRODUCTION CASING

STRING: 1
CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5747'
DEPTH LANDED: 5751' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 700 sxs

CEMENT TOP AT: 880' KB

TUBING RECORD

SIZE/GRADE/WT.: 2-3/8", J-55, 4.7#
NO. OF JOINTS: 126 Jts (3945.07')
SEAT NIPPLE: 2-3/8" X 1.1'
ARROW SET 1 PACKER: 2-3/8"x5-1/2"x6.20'
PACKER LANDED AT: 3959' KB
PKR Set w/ 9" Tension

PERFORATION RECORD

4024' - 4040'	7/83	Y2	2 SPF	(16')	33 holes
4062' - 4082'	7/83	Y3	2 SPF	(20')	41 holes
4094' - 4099'	7/83	Y3	2 SPF	(5')	11 holes
4706' - 4717'	8/26/82	R5	2 SPF	(11')	23 holes
5369' - 5385'	8/11/82	B14	1 SPF	(16')	17 holes
5392' - 5422'	8/11/82	B1	1 SPF	(30')	31 holes
5451' - 5460'	8/11/82	B2	1 SPF	(9')	10 holes
5518' - 5528'	7/21/82	B3	2 SPF	(10')	21 holes
5577' - 5596'	7/21/82	B3	2 SPF	(19')	39 holes

LOGS: CAL, Comp. Density
Hefrocarbon, CBL - GR

ACID JOB / BREAKDOWN JOB

5577' - 5596'	7/22/82	Acidize w/ 1000 gal
& 5518' - 5528'		7-1/2% HCl
4094' - 4099'	7/83	4000 gal 2% KCl and ball
& 4062' - 4082'		sealers.
& 4024' - 4040'		

Before Rework



EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

Paiute Federal #11-17
NW NW Sec.17, T9S, R17E
661' FNL, 664' FWL
Monument Butte (Beluga Unit)
Duchesne County, Utah

WELL DATA CONTINUED
PAGE TWO

FRAC JOB

5577' - 5596' 7/22/82 & 5518' - 5528'	1500 gal 7-1/2% HCl followed by 28,840 gal KCl gel w/ 38,000# 20/40 & 12,000# 10/20. Flush w/ 5544 gal 2% KCl wtr. SCREENED OUT on flush. ATP-1500 psi, Max-3900, ATR-15 bpm, ISIP-3600 psi, 15min-1500, 20min-1500
5451' - 5460' 8/12/82 & 5392' - 5422' & 5369' - 5385'	1500 gal 7-1/2% HCl followed by 45,500 gal KCl gel w/ 62,000# 20/40 & 4,000# 10/20. SCREENED OUT on 10/20 sand. Flush w/ 1470 gal 2% KCl wtr. ATP-1500 psi, Max-3500, ATR-25 bpm, ISIP-1700 psi, 15min-1650, 20min-1500.
4706' - 4717' 8/27/82	1000 gal 7-1/2% HCl followed by 15,500 gal KCl gel w/ 20,000# 20/40 & 8000# 10/20. ATR-10 bpm, Flush w/ 4032 gal 2% KCl wtr, ATP-1800 psi, Max-4000#, ATR-10 bpm, Max-11, ISIP-2500 psi, 15min-1600 psi, 20min-1500 psi
4094' - 4099' 7/83 & 4062' - 4082' & 4024' - 4040'	1500 gal 7-1/2% HCl followed by 67,000 gal KCl gel & 162,000 # 20/40 sand, Flushed w/ 4000 gal 2% KCl wtr. ATP-1692 psi, Max-1970, ATR-33 bpm, Max-37 bpm, ISIP-1680 psi, 15min-1540 psi, 20min-1500 psi.

Before Rework



Elev.GR - 5392' GL
Elev.KB - 5404' KB (12'KB)

WELLBORE DIAGRAM

DATE: 11/8/95 vk

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 265'
DEPTH LANDED: 277' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5747'
DEPTH LANDED: 5751' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 700 sxs
CEMENT TOP AT: 880' KB

TUBING

SIZE/GRADE/WT.: 2-3/8", J-55, 4.7#
NO. OF JOINTS: 190 jts (5587')
TUBING ANCHOR: none (?)
NO. OF JOINTS:
SEATING NIPPLE: 2 7/8" x 1'
PERFORATED SUB: 2 7/8" x 4'
MUD ANCHOR: 2 7/8" x 30'
STRING LENGTH: 5622'
SN LANDED AT: 5633' KB

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 1 - 3/4" x 2' Pony
2 - 3/4" x 6' Pony
2 - 3/4" x 4' Pony
33 - 3/4" x 25' Scraper
189 - 3/4" x 25' Plain
STRING LENGTH: 5588.5'
PUMP NUMBER:
PUMP SIZE: 2" X 1-1/2" X 16' RWBC
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT: LUFKIN M 114D-173-74
PRIME MOVER: ARROW C-106
Hefrocarbon, CBL - GR
LOGS: CAL, Comp. Density
Hefrocarbon, CBL - GR

277' KB

TOC @ 880' KB

4024' - 4040'
4062' - 4082'
4094' - 4099'

4706' - 4717'

5369' - 5385'
5392' - 5422'

5451' - 5460'

5518' - 5528'
5577' - 5596'

SN Landed @ 5633' KB

PBTD @ 5716' KB
TD @ 5760' KB

ACID JOB /BREAKDOWN

5577' - 5596' 7/22/82 Acidize w/ 1000 gal
& 5518' - 5528' 7-1/2% HCl
4094' - 4099' 7/83 4000 gal 2% KCl and ball
& 4062' - 4082' sealers.
& 4024' - 4040'

FRAC JOB

5577' - 5596' 7/22/82 1500 gal 7-1/2% HCl followed by
& 5518' - 5528' 28,840 gal KCl gel w/ 38,000# 20/40
& 12,000# 10/20. Flush w/ 5544 gal
2% KCl wtr. SCREENED OUT on flush.
ATP-1500psi, Max-3900, ATR-15 bpm,
ISIP-3600psi, 15min-1500, 20min-1500
5451' - 5460' 8/12/82 1500 gal 7-1/2% HCl followed by
& 5392' - 5422' 45,500 gal KCl gel w/ 62,000# 20/40
& 5369' - 5385' & 4,000# 10/20. SCREENED OUT on
10/20 sand.Flush w/ 1470 gal 2% KCl wtr.
ATP-1500 psi, Max-3500, ATR-25 bpm,
ISIP-1700 psi, 15min-1650, 20min-1500.
4706' - 4717' 8/27/82 1000 gal 7-1/2% HCl followed by 15,500
gal KCl gel w/ 20,000# 20/40 & 8000#
10/20. ATR-10 bpm.Flush w/ 4032 gal
2% KCl wtr, ATP-1800 psi, Max-4000#,
ATR-10 bpm, Max-11, ISIP-2500 psi,
15min-1600 psi, 20min-1500 psi
4094' - 4099' 7/83 1500 gal 7-1/2% HCl followed by
& 4062' - 4082' 67,000 gal KCl gel & 162,000 #
& 4024' - 4040' 20/40 sand, Flushed w/ 4000 gal
2% KCl wtr. ATP-1692 psi, Max-1970,
ATR-33 bpm, Max-37 bpm, ISIP-1680
psi, 15min-1540 psi, 20min-1500 psi.

PERFORATION RECORD

4024' - 4040'	7/83	Y2	2 SPF	(16')	33 holes
4062' - 4082'	7/83	Y3	2 SPF	(20')	41 holes
4094' - 4099'	7/83	Y3	2 SPF	(5')	11 holes
4706' - 4717'	8/26/82	R5	2 SPF	(11')	23 holes
5369' - 5385'	8/11/82	B14	1 SPF	(16')	17 holes
5392' - 5422'	8/11/82	B1	1 SPF	(30')	31 holes
5451' - 5460'	8/11/82	B2	1 SPF	(9')	10 holes
5518' - 5528'	7/21/82	B3	2 SPF	(10')	21 holes
5577' - 5596'	7/21/82	B3	2 SPF	(19')	39 holes

Before Rework



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALDWIN OIL DIVISION

Palute Federal #11-17
NW NW Sec.17, T9S, R17E
661' FNL, 664' FWL
Lease #U-72106
Monument Butte Field (Beluga
Duchesne County, Utah

Elev.GR - 5392' GL
Elev.KB - 5404' KB (12'KB)

Injection Wellbore Diagram

DATE :

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 265'
DEPTH LANDED: 277' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5747'
DEPTH LANDED: 5751' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 700 sxs

CEMENT TOP AT: 880' KB

TUBING

SIZE/GRADE/WT.: 2-3/8", J-55, 4.7#
NO. OF JOINTS: 126 Jts (3945.07')
SEAT NIPPLE: 2-3/8" X 1.1'
ARROW SET 1 PACKER: 2-3/8"x5-1/2"x6.20'
PACKER LANDED AT: 3959' KB
PKR Set w/ 9" Tension

CONVERSION: 1.) Tag fill @ 5675' KB
2.) TIH w/ RBP & PKRand pump filtered
KCL water to establish injection rate
into each zone.
3.) Replace 2-3/8" tbg with new 2-7/8" tbg
from Marta-Co.
4.) Pump PKR fluid and Set Arrow Set-1 PKR
@ 3959'. Press. test csg to 1000 psi. Good.

PACKER FLUID: Champion Cortron 2383 PKR fluid
mixed w/ 61 bbis 2% KCL water. 10/18/96

MIT RECORD:

Post
Rework

277' KB

Uinta Formation Surface to 1450 ft.

TOC @ 880' KB

PERFORATION RECORD

4024' - 4040'	7/83	Y2
4062' - 4082'	7/83	Y3
4094' - 4099'	7/83	Y3
4706' - 4717'	8/26/82	R5
5369' - 5385'	8/11/82	B14
5392' - 5422'	8/11/82	B1
5451' - 5460'	8/11/82	B2
5518' - 5528'	7/21/82	B3
5577' - 5596'	7/21/82	B3

Green River Formation 1450 to 5400 ft.

ARROW SET-1 PACKER
SET AT 3959' KB

4024' - 4040'
4062' - 4082'
4094' - 4099'

4706' - 4717'

5369' - 5385'
5392' - 5422'

5451' - 5460'

5518' - 5528'
5577' - 5596'

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.
PBTD @ 5716' KB
TD @ 5760' KB

Wasatch Formation 5950 ft.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 20, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Administrative Approval for Conversion of Wells to Class II Injection Wells, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells:

Monument State 22-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 31-17
Pomco 5
State NGC 11-16
Balcron Monument Federal 33-8
Balcron Monument Federal 13-8

Monument State 13-16-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 22-17
Paiute Federal 11-7
Monument Butte Federal 1-8
Paiute Federal 24-8
Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.



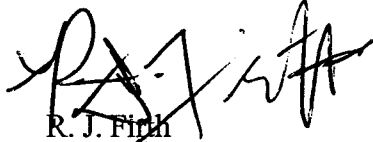
Page 2

Equitable Resources Energy Company

November 20, 1996

Enclosed with this letter is the Underground Injection Control Permit for this well. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. J. Firth', is written over a faint, rectangular stamp or watermark.

R. J. Firth
Associate Director

lwp

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-170

Operator: Equitable Resources Energy Company

Wells: Monument State 22-16-9-17B
Monument State 13-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 31-17
Balcron Monument Federal 22-17
Pomco. 5
Paiute Federal 11-7
State NGC 11-16
Monument Butte Federal 1-8
Balcron Monument Federal 33-8
Paiute Federal 24-8
Balcron Monument Federal 13-8
Mocon Federal 44-7

Location: Sections 7,8,16 and 17, Township 9 South, Range 17
East,
County: Duchesne

Well Type: Enhanced Recovery (waterflood)


Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on
May 21, 1996

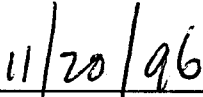


2. Maximum Allowable Injection Pressure: 1856 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: 3190 feet to 5596 feet (Green River Formation)

Approved by:



R.J. Firth
Associate Director, Oil and Gas



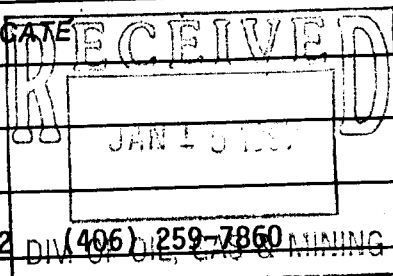
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
See attached list

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
Beluga Unit

8. Well Name and No.
See attached list

9. API Well No.
See attached list

10. Field and Pool, or Exploratory Area
Mon. Butte/Grn. River

11. County or Parish, State
Duchesne County, UTAH

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Equitable Resources Energy Company

3. Address and Telephone No.
1601 Lewis Avenue; Billings, MT 59102

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached list

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☒ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Pointe Federal #11-17 has been converted to water injection for secondary recovery of remaining oil reserves. The well was treated with 5 gallons of claymaster and 10 gallons of 940 surfactant mixed with 75 barrels of 25 KCl water at a temperature of approximately 160°F to clear the wellbore and formation of residual oil. The well was then placed on injection at a rate of approximately 425 STB/WD.

Water injection commenced on December 3, 1996.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining
COPY: U.S. Environmental Protection Agency (UIC Section)

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

(This space for Federal or State office use)

Title

Regulatory and
Environmental Specialist

Date January 13, 1997

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Field										Formation	Federal Lease #	APT #	Footages	UNIT
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108		43-013-31382	2060' FSL, 894' FWL	Beluga
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106		43-013-31429	1800' FNL, 1980' FWL	Beluga
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106		43-013-31428	660' FNL, 1980' FEL	Beluga
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108		43-013-31427	1980' FSL, 1980' FEL	Beluga
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106		43-013-31467	1800' FNL, 700' FEL	Beluga
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106		43-013-31432	1850' FSL, 850' FEL	Beluga
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	OIL	Green River	UTU-74108			2217' FSL, 2187' FWL	Beluga
Mocon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A		43-013-30666	670' FSL, 663' FEL	Beluga
Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	COMPL	Green River	U-72106			1926' FSL, 2000' FEL	Beluga
Monument Federal #44-8-17B	Monument Butte	SE SE	8	9S	17E	Duchesne	UT	PND	Green River	U-74398		43-013-30643	602' FSL, 598' FEL	Beluga
Monument State #11-16-9-17B (Re-entry)	Monument Butte	NW NW	16	9S	17E	Duchesne	UT	DRLG	Green River	State ML-21844		43-013-30616	660' FNL, 659' FWL	Beluga
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	SI	Green River	State ML-3453-B		43-013-31580	1980' FSL, 660' FWL	Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	SI	Green River	State ML-3453-B		43-013-31579	1824' FNL, 1981' FWL	Beluga
Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	013	43-013-30516	661' FNL, 664' FWL	Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108		43-013-30675	660' FSL, 1980' FWL	Beluga
POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108		43-013-30499	1980' FSL, 660' FWL	Beluga

1-10-97/20

43-013-30516

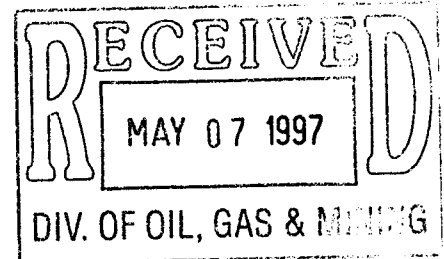


ERI

Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

May 5, 1997



Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

Enclosed for your files are site security diagrams for the following wellsites:

Pomco #2
Monument Federal #33-25
Paiute Federal #11-17 *42-013-20516*
Monument State #11-36-8-17Y

Sincerely,

Bobbie Schuman

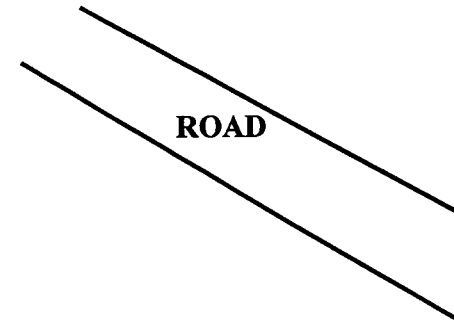
Bobbie Schuman
Regulatory and Environmental Specialist

/hs
Enclosures

cc: State of Utah; Division of Oil, Gas, and Mining

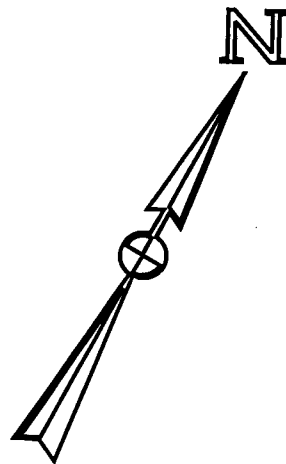
**EQUITABLE RESOURCES ENERGY COMPANY
PAIUTE FEDERAL #11-17
INJECTION WELL DIAGRAM**

**PAIUTE FEDERAL #11-17
NW NW SEC. 17, T9S, R17E
DUCHESNE COUNTY, UTAH
FEDERAL LEASE #UTU-72106**



WELL IS NOW AN INJECTION WELL

WELLHEAD



PLAN LOCATED AT:

**EQUITABLE RESOURCES
ENERGY COMPANY**
Western Region

1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

OO, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- ☐ Abandon ☐ New Construction
☐ Repair Casing ☐ Pull or Alter Casing
☐ Change of Plans ☐ Recomplete
☐ Convert to Injection ☐ Reperforate
☐ Fracture Treat or Acidize ☐ Vent or Flare
☐ Multiple Completion ☐ Water Shut-Off
☒ Other Change of Operator

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- ☐ Abandon ☐ New Construction
☐ Repair Casing ☐ Pull or Alter Casing
☐ Change of Plans ☐ Reperforate
☐ Convert to Injection ☐ Vent or Flare
☐ Fracture Treat or Acidize ☐ Water Shut-Off
☒ Other Change of Operator

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was:

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 10 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date: 9/30/97

This space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ BALCRON FEDERAL #22-20Y	SE NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32711-00	UTU64917	
✓ BALCRON FEDERAL #41-19Y	NENE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32504-00	UTU65635	
✓ MONUMENT FEDERAL #43-19Y	NE SE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32730-00	UTU65635	
✓ MONUMENT FEDERAL #14-21Y	SW SW 219S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32726-00	UTU68105	
✓ ANDERSON STATE #1-16	SW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-15582-00		UTU75023X
✓ D. DUNCAN STATE #16-5	SWNW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30570-00		UTU75023X
✓ OMD FEDERAL #17-1	NE SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30689-00		UTU75023X
✓ FEDERAL #1-18	NWNE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30332-00		UTU75023X
✓ MAXUS FEDERAL #23-8	NESW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31196-00		UTU75023X
✓ MONUMENT BUTTE FED. #12-17	SWNW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31431-00		UTU75023X
✓ MONUMENT BUTTE FED. #14-8	SWSW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31398-00		UTU75023X
✓ MONUMENT BUTTE FED. #21-17	NENW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31387-00		UTU75023X
✓ MONUMENT BUTTE FED. #32-17	SWNE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31465-00		UTU75023X
✓ MONUMENT BUTTE FED. #41-17	NENE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31466-00		UTU75023X
✓ MONUMENT BUTTE FED. #43-7	NESE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31432-00		UTU75023X
✓ MONUMENT FEDERAL #23-17B	NE SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31582-00	UTU74108	UTU75023X
✓ MONUMENT STATE #23-16B	NE SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31578-00		UTU75023X
✓ PAIUTE FEDERAL #34-8	SWSE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30778-00		UTU75023X
✓ PAIUTE FEDERAL #43-8	NESE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30777-00		UTU75023X
✓ POMCO #2	NWSE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30505-00		UTU75023X
✓ POMCO #4	NWSW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30506-00		UTU75023X
✓ SUE MORRIS #16-3	NENW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30562-00		UTU75023X
✓ MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
✓ MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
✓ MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
✓ MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
✓ MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
✓ MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844 Beluga	UTU75023X
✓ MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00	31145	UTU75023X
✓ MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
✓ MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
✓ MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
✓ MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
✓ PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
✓ PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
✓ POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
✓ BALCRON FEDERAL #12-10Y	SW NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31536-00	UTU65210	
✓ BALCRON FEDERAL #21-10Y	NE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31537-00	UTU65210	
✓ BALCRON FEDERAL #22-10Y	SE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31395-00	UTU65210	

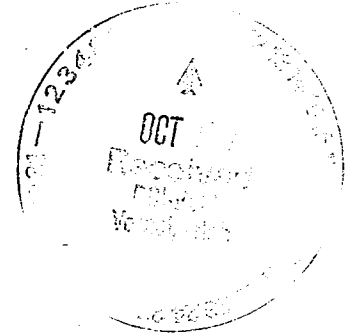


RECEIVED

OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

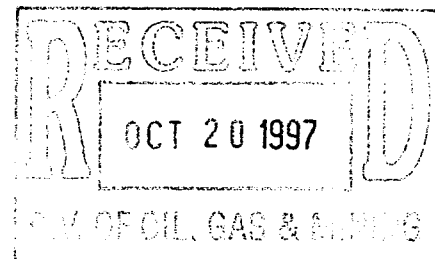
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

Patsy Barreau
Patsy Barreau

/pb
encls.



RECEIVED
OCT 10 1997

RECEIVED
OCT 13 1997

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: <u>See Attached</u> BELUGA (GREEN RIVER) UNIT	
Field or Unit name: <u>See Attached</u> API no. <u>See Attached</u>	
Well location: QQ <u>See Attached</u> section <u>See Attached</u> township <u>See Attached</u> range <u>See Attached</u> county <u>See Attached</u>	
Effective Date of Transfer: <u>September 30, 1997</u>	
CURRENT OPERATOR	
Transfer approved by:	
Name <u>David M. McCoskery</u>	Company <u>Equitable Resources Energy Co.</u>
Signature <u>[Signature]</u>	Address <u>1601 Lewis Avenue</u>
Title <u>Director of Operations & Engineering</u>	<u>Billings, MT 59102</u>
Date <u>9-30-97</u>	Phone <u>(406) 259-7860</u>
Comments:	
NEW OPERATOR	
Transfer approved by:	
Name <u>Chris A. Potter</u>	Company <u>Inland Production Company</u>
Signature <u>[Signature]</u>	Address <u>475 - 17th Street, Suite 1500</u>
Title <u>CHRIS A. POTTER, ATTORNEY-IN-FACT</u>	<u>Denver, CO 80202</u>
Date <u>9-30-97</u>	Phone <u>(303) 292-0900</u>
Comments:	
(State use only)	
Transfer approved by <u>[Signature]</u>	Title <u>Manager</u>
Approval Date <u>3-19-98</u>	

OCT 25 1997
DIV. OF OIL, GAS & MINING

Injection wells

✓ MONUMENT BUTTE STATE #14-2	SW SW 2 9S 17E	DUCHESNE	UT	UNDESIGNATED (CD)	43-013-31425-00	UTU45555	
✓ MONUMENT BUTTE STATE #22-2	SE NW 2 9S 17E	UINTAH	UT	UNDESIGNATED (CD)	43-047-32610-00	UTU45555	
✓ MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
✓ MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
✓ MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
✓ MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
✓ MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
✓ MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844	UTU75023X
✓ MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-34579-00	31145 mL 3453B	UTU75023X
✓ MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
✓ MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
✓ MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
✓ MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
✓ PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
✓ PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
✓ POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
✓ PARIETTE BENCH #4 (SWD)	SWSE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15681-00	UTU017992	8910069630



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

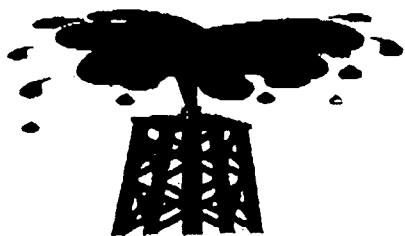
Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: Lisha
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested.
Call if you need anything
further.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-931

March 2, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Beluga (Green River) Unit
Duchesne County, Utah

Gentlemen:

On February 26, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Beluga (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective March 2, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Beluga (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Beluga (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Beluga (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron/Fluid Chron
UT931:TAThompson:tt:3/2/98

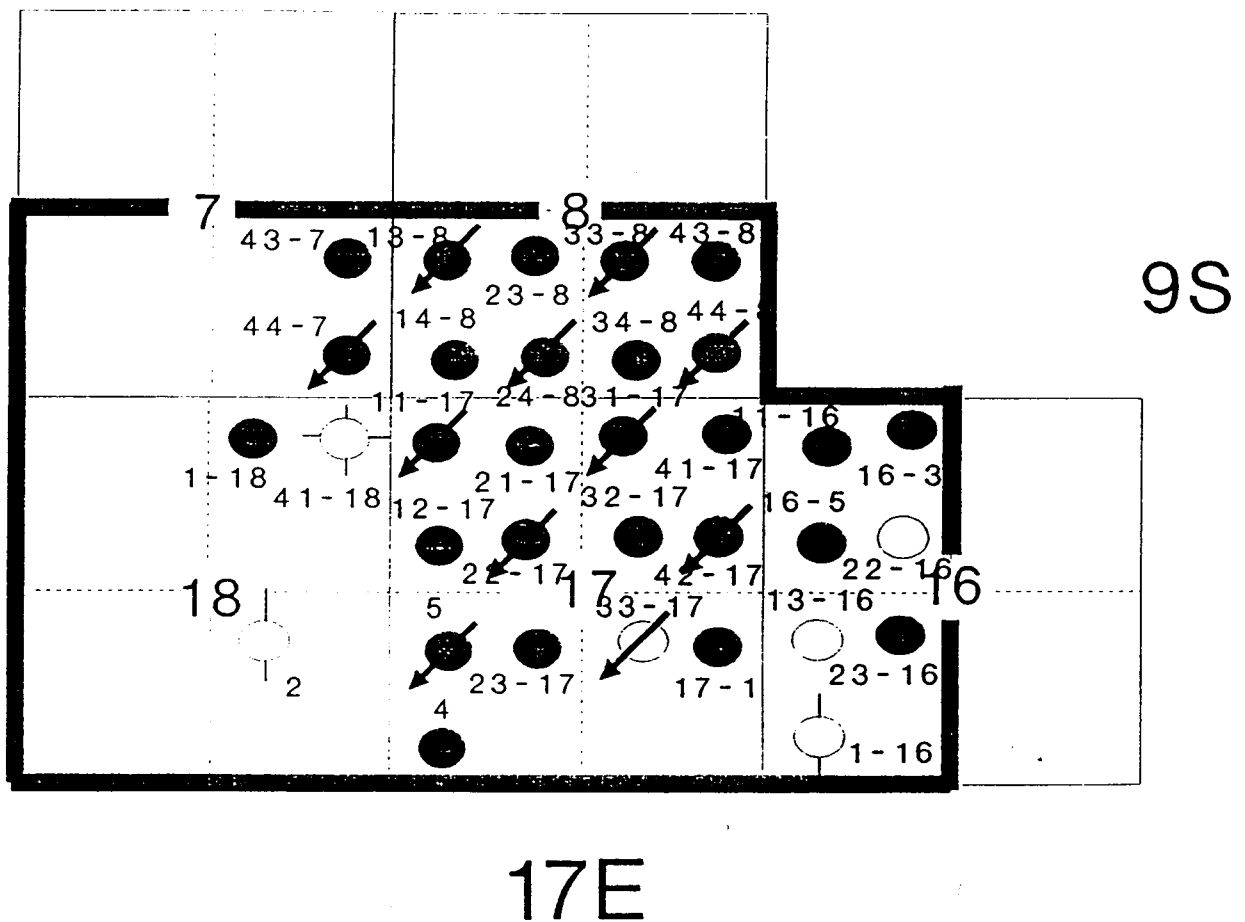
Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU75023X								
STATE	4301315582	1-16 SHELL-STATE	SWSW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330332	1-18 FEDERAL	NWNE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
STATE	4301330616	11-16 STATE-NGC	NWNW	16	T	9S	R17E ABD (wiw)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330516	11-17 PIUTE-FEDERAL	NWNW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331431	12-17	SWNW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331580	13-16-9-17B	NWSW	16	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331382	13-8 MONUMENT FED	NWSW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331398	14-8 MONUMENT FED	SWSW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330562	16-3 MORRIS SUE	NENW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330570	16-5 DUNCAN-STATE	SWNW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU44430	4301330689	17-1 FEDERAL-DMD	NESE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330505	2 POMCO	NWSE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331387	21-17 MONUMENT FED	NENW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331145	22-16-9-17B	SENW	16	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331429	22-17 MONUMENT FED	SENW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331578	23-16-9-17B	NESW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331582	23-179-17B	NESW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331196	23-8 MAXUS-FEDERAL	NESW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330675	24-8 PIUTE-FEDERAL	SESW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331428	31-17 MONUMENT BUTTE	NWNE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331465	32-17	SWNE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331581	33-17-9-17B	NWSE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331427	33-8 MONUMENT FED	NWSE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330778	34-8 PAIUTE	SWSE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330506	4 POMCO	SWSW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331466	41-17	NENE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331399	41-18 BALCRON FED	NENE	18	T	9S	R17E ABD (PA)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331467	42-17	SENE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331432	43-7 MONUMENT BUTTE	NESE	7	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330777	43-8 PAIUTE	NESE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330666	44-7 MOCOW-FEDERAL	SESE	7	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74398	4301330643	44-8-9-17	SESE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330499	5 POMCO	NWSW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO

BELUGA (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: FEBRUARY 1, 1996



OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-FC	6-FC
2-GLH	7-KAS
3-FHS	8-SIL
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION CO.</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>C/O CRAZY MTN O&G SVS'S</u>
	<u>ROOSEVELT UT 84066</u>		<u>PO BOX 577</u>
			<u>LAUREL MT 59044</u>
Phone:	<u>(435) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

***BELUGA (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-013-30516</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 3-10-97)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-20-97)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
- ec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- ec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (3-11-98) * Quattro Pro s. DBASE (wic) 3-11-98.
- ec 6. **Cardex** file has been updated for each well listed above. (3-11-98)
- ec 7. Well **file labels** have been updated for each well listed above. (3-11-98)
- ec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (3-11-98)
- ec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Jec 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) (no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A Jec 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY) Trust Lands - 80,000 Surety "Hartford Acc. & Indemnity Co."

- N/A Jec 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- N/A Jec 2. A **copy of this form** has been placed in the new and former operator's bond files.
- N/A Jec 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- Jec 1. Copies of documents have been sent on 3-11-98 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A Jec 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- ✓ 1. All attachments to this form have been **microfilmed**. Today's date: 4.14.98.

FILING

- ____ 1. **Copies** of all attachments to this form have been filed in each **well file**.
- ____ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980311 BLM/SL Apr. 3-2-98.

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
EQUITABLE RE	43-013-31410	12-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31408	41-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31421	21-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31373	23-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31368	32-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31367	41-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31375	24-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31384	22-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	N
EQUITABLE RE	43-013-31492	11-7J	09S	17E	7	INJW	Y
EQUITABLE RE	43-013-31405	31-7J	09S	17E	7	INJW	Y
EQUITABLE RE	43-047-20252	E. RED WASH	08S	25E	5	INJW	N
EQUITABLE RE	43-047-20261	ERW 4-6	08S	25E	6	INJW	Y
EQUITABLE RE	43-047-32346	42-6X	08S	25E	6	INJW	N
EQUITABLE RE	43-047-20245	AMERADA GUIN	08S	25E	7	INJW	Y
EQUITABLE RE	43-013-30666	44-7	09S	17E	7	INJW	Y 11880
EQUITABLE RE	43-013-31382	13-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-31427	33-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-30675	24-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-30643	44-8-17B	09S	17E	8	INJW	Y 1523
EQUITABLE RE	43-013-31580	13-16-9-17B	09S	17E	16	INJW	Y 11880
EQUITABLE RE	43-013-30616	11-16-9-17B	09S	17E	16	INJW	Y 6130
EQUITABLE RE	43-013-31145	22-16-9-17B	09S	17E	16	INJW	Y 11880
EQUITABLE RE	43-013-30518	11-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-30499	POMCO 5	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-30516	11-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31428	31-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31581	33-17-9-17B	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31429	22-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31467	42-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-047-32610	22-2	09S	17E	2	INJW	Y
EQUITABLE RE	43-013-31425	14-2	09S	17E	2	INJW	Y
GIANT EXPLOR	43-037-15042	GOTHIC MESA	41S	23E	16	INJD	Y
GIANT EXPLOR	43-037-20292	SENTINEL PEA	41S	26E	27	INJD	Y
GIANT EXPLOR	43-037-16452	9-24	41S	23E	9	INJI	Y
HAY HOT OIL	43-037-30521	MCCRACKEN PT	40S	23E	19	INJI	N
INLAND PRODU	43-013-30843	MONUMENT BUT	08S	16E	34	INJW	Y
INLAND PRODU	43-013-31559	15-25	08S	16E	25	INJW	N
INLAND PRODU	43-013-30693	FEDERAL 3-33	08S	16E	33	INJW	N
INLAND PRODU	43-013-30808	FED 1-34	08S	16E	34	INJW	N
INLAND PRODU	43-013-30686	FEDERAL 5-35	08S	16E	35	INJW	N
INLAND PRODU	43-013-30606	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30745	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31514	1A-35	08S	16E	35	INJW	Y
INLAND PRODU	43-013-30605	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31264	MONUMENT FED	08S	16E	35	INJW	N
INLAND PRODU	43-013-30608	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30624	STATE 5-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30592	STATE 1-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30787	12-32	08S	17E	32	INJW	Y
INLAND PRODU	43-013-30779	FED 15-28	08S	16E	28	INJW	N
INLAND PRODU	43-013-31372	14A-28	08S	16E	28	INJW	N

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. UTU-72106	
		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		7. UNIT AGREEMENT NAME BELUGA	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		8. FARM OR LEASE NAME PAIUTE FED 11-17-9-17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements * See also space 17 below.) At surface NW/NW Section 17, T09S R17E 661 FNL 664 FWL		9. WELL NO. PAIUTE FED 11-17-9-17	
		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/NW Section 17, T09S R17E	
14. API NUMBER 43-013-30516	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5388 GR	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> 5 Year MIT	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A 5 year MIT was conducted on the subject well. On 10/2/01 Mr. Al Craver w/ EPA and Mr. Dennis Ingram w/ State DOGM was notified of the intent to conduct a MIT the casing. On 10/10/01 the casing was pressured to 1080 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test. The well is shut in and waiting on permission to inject.

RECEIVED

OCT 16 2001

DIVISION OF
OIL, GAS AND MINING

10-16-01
CHD

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 10/11/01
Krishna Russell

cc: BLM

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 10-16-01
By: [Signature]

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 10 / 10 / 01
Test conducted by: Brent Cook
Others present: _____

Well Name: <u>Pine Fed 11-17</u>	Type: <u>ER</u> SWD	Status: <u>AC</u> TA UC
Field: <u>Beluga</u>		
Location: <u>11</u>	Sec: <u>7</u> T <u>9</u>	N / S R <u>17</u> E / W County: <u>Duch</u> State: <u>UT</u>
Operator: <u>Inland Production</u>		
Last MIT: <u>11 / 13 / 96</u>	Maximum Allowable Pressure: <u>1855</u>	PSIG

Is this a regularly scheduled test?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Initial test for permit?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Test after well rework?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Well injecting during test?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If yes, rate: <u>90</u> bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING PRESSURE				
Initial pressure	1575	psig	psig	psig
End of test pressure	1575	psig	psig	psig
CASING/TUBING ANNULUS PRESSURE				
0 minutes	1000	psig	psig	psig
5 minutes	1000	psig	psig	psig
10 minutes	1000	psig	psig	psig
15 minutes	1000	psig	psig	psig
20 minutes	1000	psig	psig	psig
25 minutes	1000	psig	psig	psig
30 minutes	1000	psig	psig	psig
_____ minutes		psig	psig	psig
_____ minutes		psig	psig	psig
RESULT	[<input checked="" type="checkbox"/> Pass [] Fail		[] Pass [] Fail [] Pass [] Fail	

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

Signature of Witness: _____

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff: _____ Date: ____/____/____

Do you agree with the reported test results? ☐ YES ☐ NO

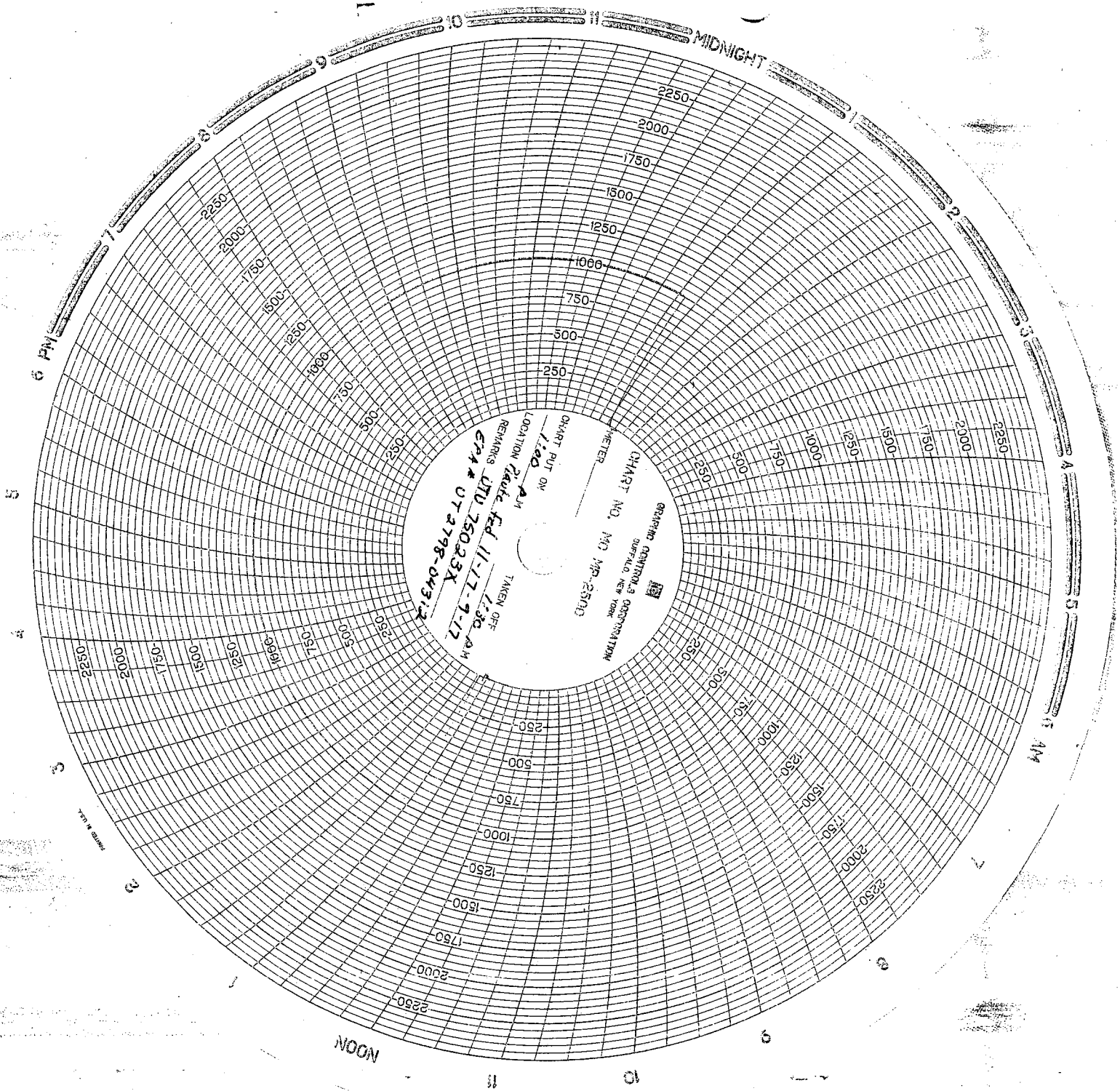
If not, why? _____

Possible violation identified? ☐ YES ☒ NO

If YES, what _____

If YES - followup initiated? ☐ YES

☐ NO - why not? _____





Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 - Name

The name of the corporation is Inland Production Company.

ARTICLE 2 - Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE - The name of the corporation is Newfield Production Company."

ARTICLE 3 - Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone:
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *[Signature]*Title: *Tech. Services Manager*Approval Date: *9-20-04*

Comments:

*Note: Indian Country wells will require EPA approval.*RECEIVED
SEP 20 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****BELUGA (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MOCON FED 44-7	07	090S	170E	4301330666	11880	Federal	WI	A
MON FED 44-8-9-17B	08	090S	170E	4301330643	11880	Federal	WI	A
PAIUTE FED 24-8	08	090S	170E	4301330675	11880	Federal	WI	A
PAIUTE FEDERAL 43-8	08	090S	170E	4301330777	11880	Federal	OW	P
PAIUTE FEDERAL 34-8	08	090S	170E	4301330778	11880	Federal	OW	P
MAXUS FEDERAL 23-8	08	090S	170E	4301331196	11880	Federal	OW	P
MON FED 13-8	08	090S	170E	4301331382	11880	Federal	WI	A
FEDERAL 14-8	08	090S	170E	4301331398	11880	Federal	OW	P
A ANDERSON ST 1-16	16	090S	170E	4301315582	11880	State	OW	P
SUE MORRIS 16-3	16	090S	170E	4301330562	11880	State	OW	P
D DUNCAN ST 16-5	16	090S	170E	4301330570	11880	State	OW	P
MON ST 11-16-9-17B	16	090S	170E	4301330616	11880	State	WI	A
MON ST 22-16-9-17B	16	090S	170E	4301331145	11880	State	WI	A
POMCO 5	17	090S	170E	4301330499	11880	Federal	WI	A
POMCO 4	17	090S	170E	4301330506	11880	Federal	OW	P
PAIUTE FED 11-17	17	090S	170E	4301330516	11880	Federal	WI	A
FEDERAL D M D 17-1	17	090S	170E	4301330689	11880	Federal	OW	S
MONUMENT FED 21-17	17	090S	170E	4301331387	11880	Federal	OW	P
FEDERAL 1-18	18	090S	170E	4301330332	11880	Federal	OW	TA
POMCO 2	18	090S	170E	4301330505	11880	Federal	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The FORMER operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-72106
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: BELUGA UNIT
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: PAIUTE 11-17-9-17
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 661 FNL 664 FWL		9. API NUMBER: 4301330516
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW, 17, T9S, R17E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - 5 Year MIT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/02/2006			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 9/26/06 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above well. Permission was give to that time to perform the test on 09/28/06. On 09/28/06 the csg was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1725 psig during the test there were EPA representatives available to witness the test. EPA# UT 20798-04312.
API# 43-013-30516

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk
SIGNATURE *Jentri Park* DATE 10/03/2006

(This space for State use only)

RECEIVED
OCT 04 2006
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 09/28/2006
Test conducted by: Trefley J. Ruzic
Others present: _____

Well Name: <u>Piute Federal 11-17-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>MONUMENT BUTTE</u>		
Location: <u>NW/NE</u> Sec: <u>17</u> T: <u>9 N</u> R: <u>17 E</u> County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☐ No
Test after well rework? ☐ Yes ☐ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

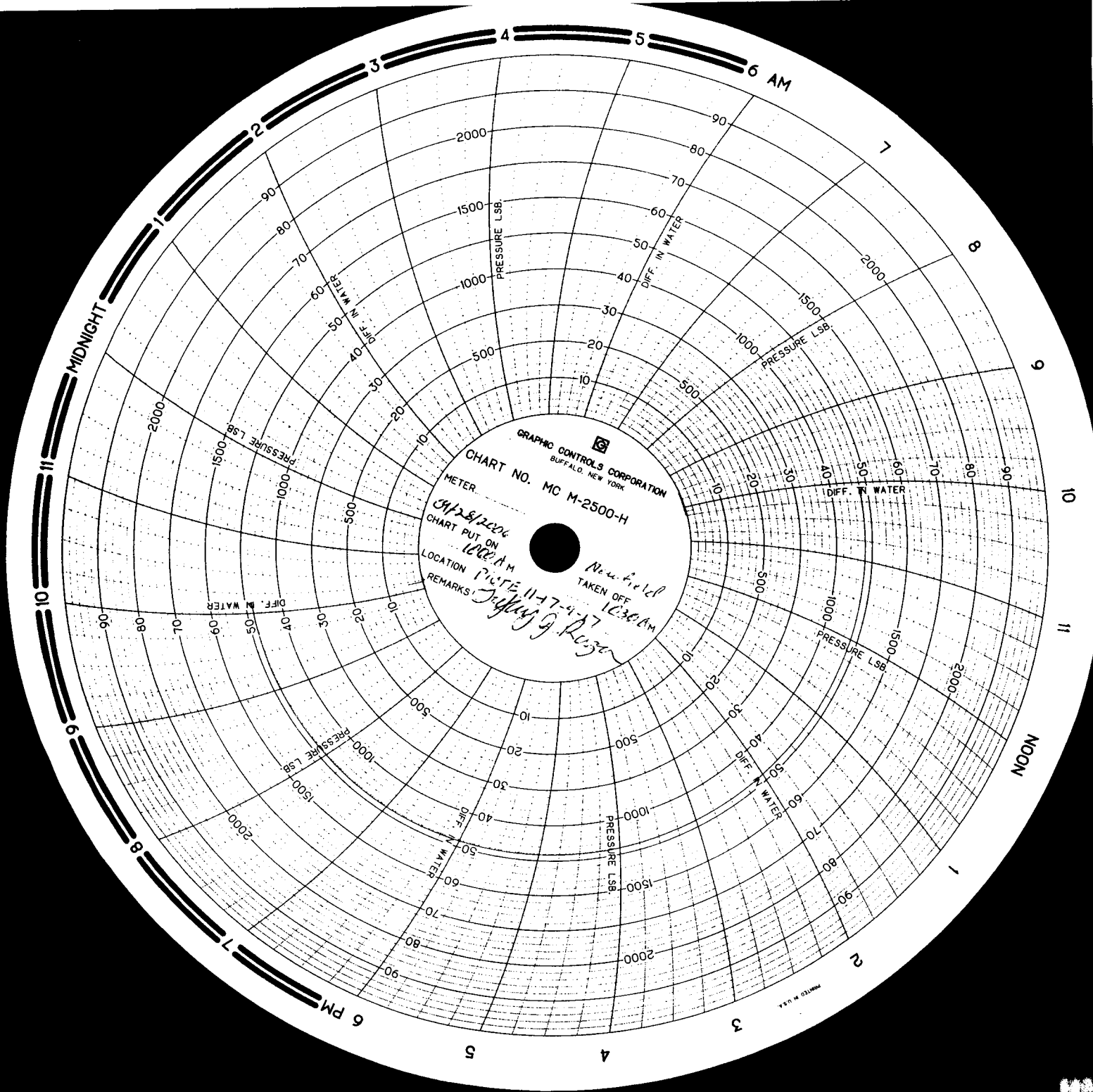
MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING PRESSURE				
Initial Pressure	<u>1725</u> psig	psig	psig	psig
End of test pressure	<u>1725</u> psig	psig	psig	psig
CASING / TUBING ANNULUS PRESSURE				
0 minutes	<u>1200</u> psig	psig	psig	psig
5 minutes	<u>1200</u> psig	psig	psig	psig
10 minutes	<u>1200</u> psig	psig	psig	psig
15 minutes	<u>1200</u> psig	psig	psig	psig
20 minutes	<u>1200</u> psig	psig	psig	psig
25 minutes	<u>1200</u> psig	psig	psig	psig
30 minutes	<u>1200</u> psig	psig	psig	psig
_____ minutes	psig	psig	psig	psig
_____ minutes	psig	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-3563A
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: PAIUTE FED 11-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FNL 0664 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 17 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013305160000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/15/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> ALTER CASING	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> APD EXTENSION	
	OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 08/05/2011 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 08/15/2011 the casing was pressured up to 1020 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1779 psig during the test. There was not an EPA representative available to witness the test. <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> EPA# UT20798-04312 </div> <div style="text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 8/22/2011	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____

Date: 8 / 15 / 11Test conducted by: Lynn Manson

Others present: _____

Well Name: <u>Private Federal 11-17-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NW/NW</u> Sec: <u>17</u> T <u>9</u> N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>Ut.</u>		
Operator: <u>New Field</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test? ☒ Yes ☐ No
 Initial test for permit? ☐ Yes ☒ No
 Test after well rework? ☐ Yes ☒ No
 Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>1779</u> psig	psig	psig
End of test pressure	<u>1778</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1020</u> psig	psig	psig
5 minutes	<u>1020</u> psig	psig	psig
10 minutes	<u>1020</u> psig	psig	psig
15 minutes	<u>1020</u> psig	psig	psig
20 minutes	<u>1020</u> psig	psig	psig
25 minutes	<u>1020</u> psig	psig	psig
30 minutes	<u>1020</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

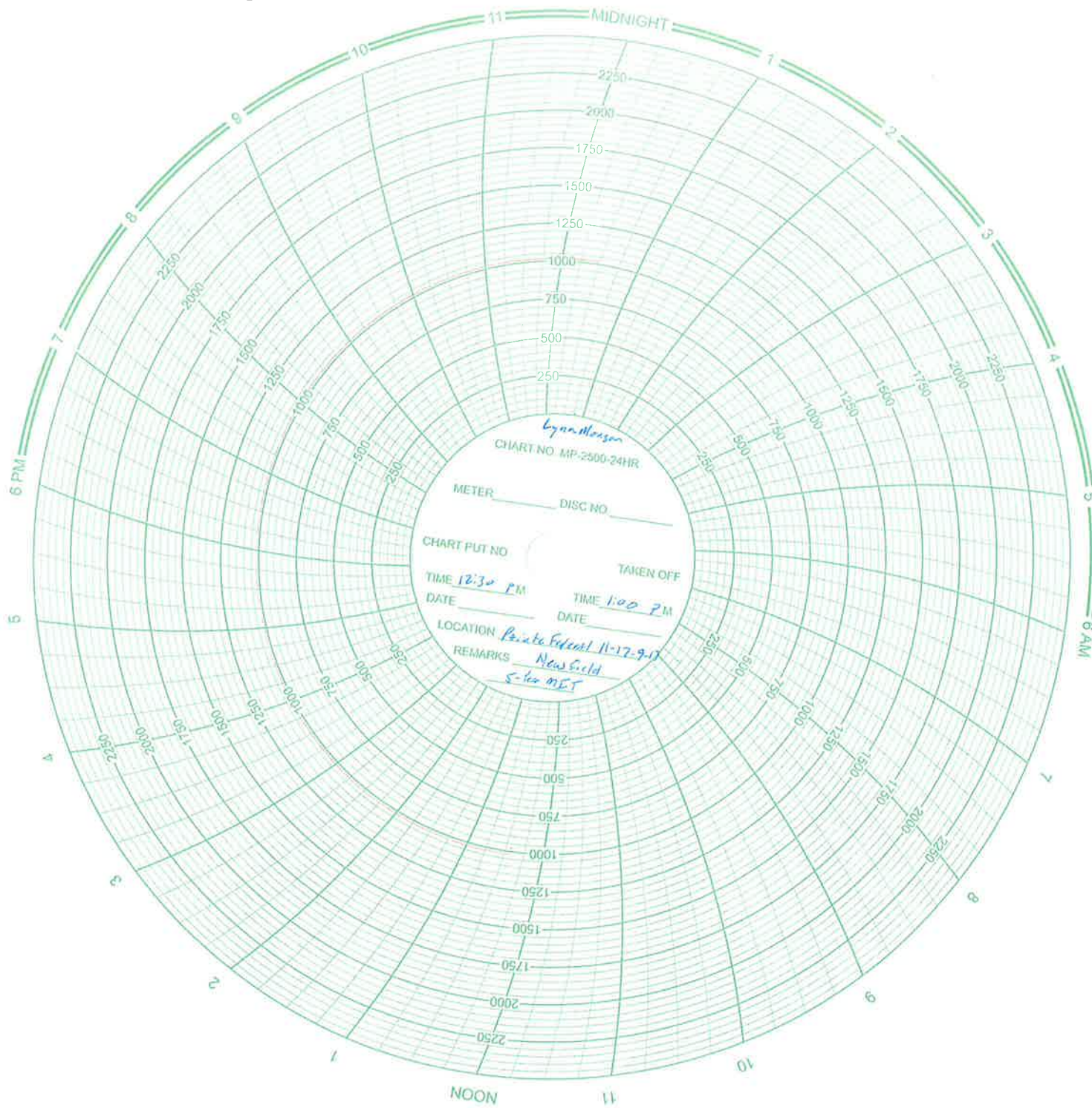
Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

RECEIVED Aug. 22, 2011



Spud Date: 6/25/82

Completion Date: 8/29/82

GL: 5388' KB: 5400' KB (12' KB)

Paiute Federal #11-17

Injection Diagram

Initial Production: 118 BO,
8 BW, 40 MCFPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 265'
DEPTH LANDED: 277' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5747'
DEPTH LANDED: 5751' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 700 sxs

CEMENT TOP AT: 880' KB

Tubing Record

SIZE/GRADE/WT.: 2-3/8", J-55, 4.7#
NO. OF JOINTS: 126 Jts (3945.07')
SEAT NIPPLE: 2-3/8" X 1.1'
ARROW SET 1 PACKER: 2-3/8"x5-1/2"x6.20'
PACKER LANDED AT: 3959' KB
PKR Set w/ 9" Tension

CONVERSION:

- 1.) Tag fill @ 5675' KB
- 2.) TIH w/ RBP & PKRand pump filtered KCL water to establish injection rate into each zone.
- 3.) Replace 2-3/8" tbg with new 2-7/8" tbg from Marta-Co.
- 4.) Pump PKR fluid and Set Arrow Set-1 PKR @ 3959'. Press. test csg to 1000 psi. Good.

PACKER FLUID:

Champion Cortron 2383 PKR fluid mixed w/ 61 bbls 2% KCL water. 10/18/96

MIT RECORD:

11/13/96 Witnessed by Dan Jarvis w/ the Utah Oil & Gas Commission. Press. to 1100 psi for 1 hour.

FRAC JOB

5577' - 5596' 7/22/82 1500 gal 7-1/2% HCl followed by 28,840 gal KCl gel w/ 38,000# 20/40 & 12,000# 10/20. Flush w/ 5544 gal 2% KCl wtr. SCREENED OUT on flush. ATP-1500 psi, Max-3900, ATR-15 bpm, ISIP-3600 psi, 15min-1500, 20min-1500

5451' - 5460' 8/12/82 1500 gal 7-1/2% HCl followed by 45,500 gal KCl gel w/ 62,000# 20/40 & 4,000# 10/20. SCREENED OUT on 10/20 sand. Flush w/ 1470 gal 2% KCl wtr. ATP-1500 psi, Max-3500, ATR-25 bpm, ISIP-1700 psi, 15min-1650, 20min-1500.

4706' - 4717' 8/27/82 1000 gal 7-1/2% HCl followed by 15,500 gal KCl gel w/ 20,000# 20/40 & 8000# 10/20. ATR-10 bpm, Flush w/ 4032 gal 2% KCl wtr, ATP-1800 psi, Max-4000#, ATR-10 bpm, Max-11, ISIP-2500 psi, 15min-1600 psi, 20min-1500 psi

4094' - 4099' 7/83 1500 gal 7-1/2% HCl followed by 67,000 gal KCl gel & 162,000 # 20/40 sand, Flushed w/ 4000 gal 2% KCl wtr. ATP-1692 psi, Max-1970, ATR-33 bpm, Max-37 bpm, ISIP-1680 psi, 15min-1540 psi, 20min-1500 psi.

7/24/08 Zone stimulation.

ACID JOB / BREAKDOWN JOB

5577' - 5596' 7/22/82 Acidize w/ 1000 gal 7-1/2% HCl

4094' - 4099' 7/83 4000 gal 2% KCl and ball sealers.
& 4062' - 4082'
& 4024' - 4040'

Green River Formation 1450 to 5400 ft.

PERFORATION RECORD

4024' - 4040'	7/83	Y2	2 SPF	(16')	33 holes
4062' - 4082'	7/83	Y3	2 SPF	(20')	41 holes
4094' - 4099'	7/83	Y3	2 SPF	(5')	11 holes
4706' - 4717'	8/26/82	R5	2 SPF	(11')	23 holes
5369' - 5385'	8/11/82	B14	1 SPF	(16')	17 holes
5392' - 5422'	8/11/82	B1	1 SPF	(30')	31 holes
5451' - 5460'	8/11/82	B2	1 SPF	(9')	10 holes
5518' - 5528'	7/21/82	B3	2 SPF	(10')	21 holes
5577' - 5596'	7/21/82	B3	2 SPF	(19')	39 holes

Arrow Set - 1 Packer
Packer @ 3959'

4024' - 40'
4062' - 82'
4094' - 99'
4706' - 17'
5369' - 85'
5392' - 5422'

5451' - 60'
5518' - 28'
5577' - 96'

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 5716'
TD @ 5760'
Wasatch Formation 5950 ft.

NEWFIELD

Paiute Federal #11-17

661' FNL 664' FWL

NW NW Section 17-T9S-R17E

Duchesne Co, Utah

API #43-013-30516; Lease #U-72106

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-3563A
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: PAIUTE FED 11-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FNL 0664 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 17 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013305160000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/27/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: 5 YR MIT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 07/27/2016 the casing was pressured up to 1070 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 1658 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04312		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 28, 2016		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/28/2016	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 7/27/2016
Test conducted by: EVERETT UNRUH
Others present: _____

Well Name: <u>PAUTE FED. 11-17-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>		
Location: <u>NW NW Sec: 17 T 9 N(S) R 17 E/W</u> County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1732</u>	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☒ Yes ☐ No If Yes, rate: 32 bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1658</u> psig	psig	psig
End of test pressure	<u>1658</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1070</u> psig	psig	psig
5 minutes	<u>1070</u> psig	psig	psig
10 minutes	<u>1070</u> psig	psig	psig
15 minutes	<u>1070</u> psig	psig	psig
20 minutes	<u>1070</u> psig	psig	psig
25 minutes	<u>1070</u> psig	psig	psig
30 minutes	<u>1070</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

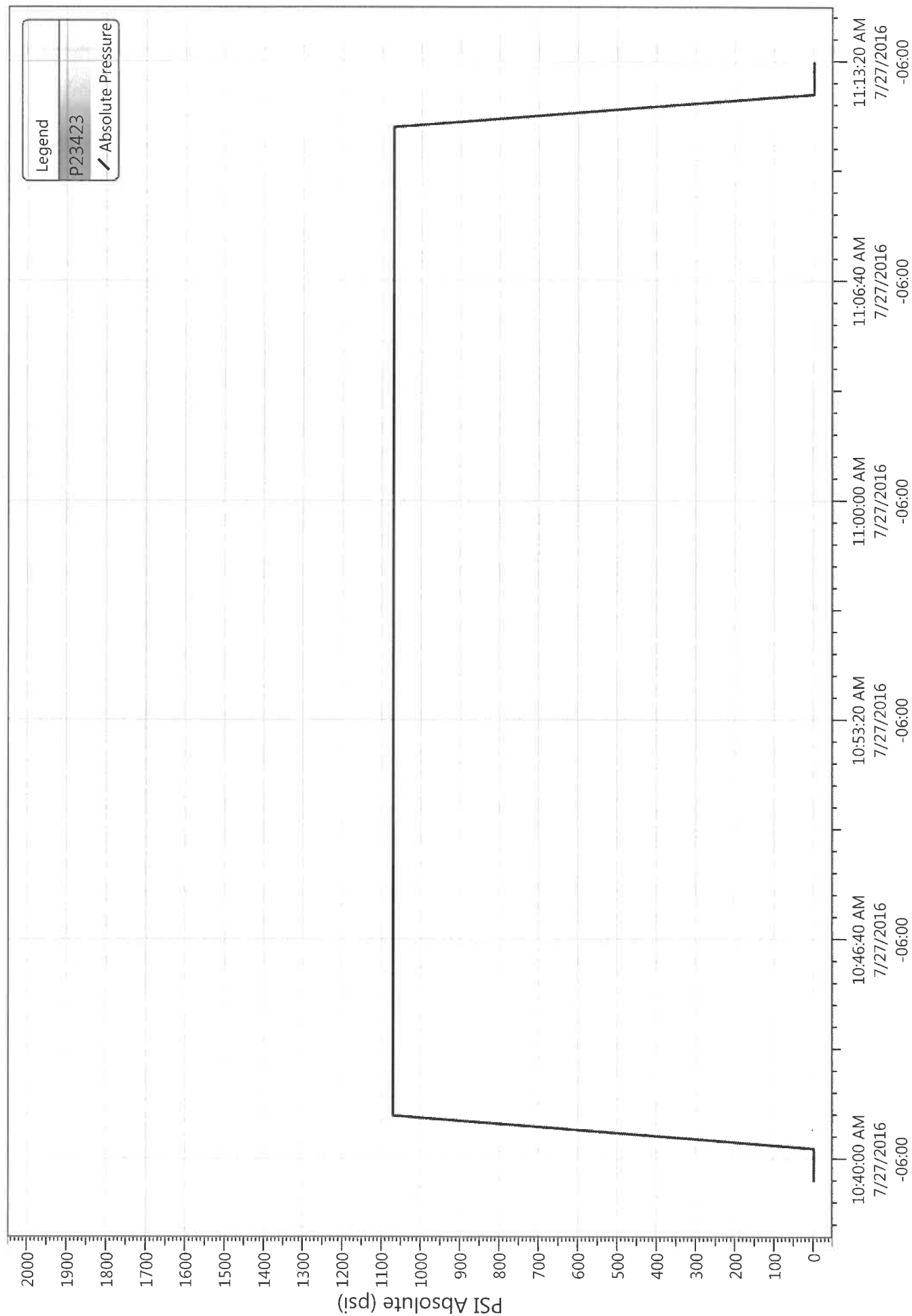
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Paiute Federal 11-17-9-17 (7/27/2016, 5yr. MIT)

7/27/2016 10:38:29 AM





EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

WELL NAME: Paiute Federal #11-17
FIELD: Monument Butte (Beluga Unit)
FEDERAL LEASE NO.: U-3563-A
LOCATION: NW NW Sec.17, T9S, R17E
FOOTAGE: 661' FNL, 664' FWL
COUNTY/STATE: Duchesne County, Utah
WORKING INTEREST: 0.91491728
PRODUCING FORMATION: Green River
COMPLETION DATE: 8/29/82
INITIAL PRODUCTION: 118 BO, 8 BW, 40 MCFPD
OIL/GAS PURCHASER: Amoco/Universal
PRESENT PROD STATUS: Prod
ELEVATIONS - GROUND: 5388' GL
TOTAL DEPTH: 5760' KB

DATE : 11/11/95 vk

API NO.: 43-013-30516

NET REVENUE INTEREST: 0.80471769 Oil
0.73108274 Gas

SPUD DATE: 6/25/82
OIL GRAVITY: 30
BHT:

KB: 5400' KB (12' KB)
PLUG BACK TD: 5716' KB

SURFACE CASING

STRING: 1
CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 265'
DEPTH LANDED: 277' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs

PRODUCTION CASING

STRING: 1
CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5747'
DEPTH LANDED: 5751' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 700 sxs

CEMENT TOP AT: 880' KB

TUBING RECORD

SIZE/GRADE/WT.: 2-3/8", J-55, 4.7#
NO. OF JOINTS: 190 jts (5587')
TUBING ANCHOR: none (?)
NO. OF JOINTS:
SEATING NIPPLE: 2 7/8" x 1'
PERFORATED SUB: 2 7/8" x 4'
MUD ANCHOR: 2 7/8" x 30'
TOTAL STRING LENGTH: 5622'
SN LANDED AT: 5633' KB

PERFORATION RECORD

4024' - 4040'	7/83	Y2	2 SPF	(16')	33 holes
4062' - 4082'	7/83	Y3	2 SPF	(20')	41 holes
4094' - 4099'	7/83	Y3	2 SPF	(5')	11 holes
4706' - 4717'	8/26/82	R5	2 SPF	(11')	23 holes
5369' - 5385'	8/11/82	B14	1 SPF	(16')	17 holes
5392' - 5422'	8/11/82	B1	1 SPF	(30')	31 holes
5451' - 5460'	8/11/82	B2	1 SPF	(9')	10 holes
5518' - 5528'	7/21/82	B3	2 SPF	(10')	21 holes
5577' - 5596'	7/21/82	B3	2 SPF	(19')	39 holes

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 1 - 3/4" x 2' Pony
2 - 3/4" x 6' Pony
2 - 3/4" x 4' Pony
33 - 3/4" x 25' Scraper
189 - 3/4" x 25' Plain
TOTAL ROD STRING LENGTH: 5588.5'

PUMP NUMBER:
PUMP SIZE: 2" X 1-1/2" X 16' RWBC

STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT SIZE: LUFKIN M 114D-173-74
PRIME MOVER: ARROW C-106

LOGS: CAL, Comp. Density
Hefrocarbon, CBL - GR

ACID JOB / BREAKDOWN JOB

5577' - 5596'	7/22/82	Acidize w/ 1000 gal
& 5518' - 5528'		7-1/2% HCl
4094' - 4099'	7/83	4000 gal 2% KCl and ball
& 4062' - 4082'		sealers.
& 4024' - 4040'		

FRAC JOB

CONTINUED ON NEXT PAGE



Palute Federal #11-17
NW NW Sec.17, T9S, R17E
661' FNL, 664' FWL
Monument Butte (Beluga Unit)
Duchesne County, Utah

WELL DATA CONTINUED
PAGE TWO

FRAC JOB

5577' - 5596' & 5518' - 5528'	7/22/82	1500 gal 7-1/2% HCl followed by 28,840 gal KCl gel w/ 38,000# 20/40 & 12,000# 10/20. Flush w/ 5544 gal 2% KCl wtr. SCREENED OUT on flush. ATP-1500 psi, Max-3900, ATR-15 bpm, ISIP-3600 psi, 15min-1500, 20min-1500
5451' - 5460' & 5392' - 5422' & 5369' - 5385'	8/12/82	1500 gal 7-1/2% HCl followed by 45,500 gal KCl gel w/ 62,000# 20/40 & 4,000# 10/20. SCREENED OUT on 10/20 sand. Flush w/ 1470 gal 2% KCl wtr. ATP-1500 psi, Max-3500, ATR-25 bpm, ISIP-1700 psi, 15min-1650, 20min-1500.
4706' - 4717'	8/27/82	1000 gal 7-1/2% HCl followed by 15,500 gal KCl gel w/ 20,000# 20/40 & 8000# 10/20. ATR-10 bpm, Flush w/ 4032 gal 2% KCl wtr, ATP-1800 psi, Max-4000#, ATR-10 bpm, Max-11, ISIP-2500 psi, 15min-1600 psi, 20min-1500 psi
4094' - 4099' & 4062' - 4082' & 4024' - 4040'	7/83	1500 gal 7-1/2% HCl followed by 67,000 gal KCl gel & 162,000 # 20/40 sand, Flushed w/ 4000 gal 2% KCl wtr. ATP-1692 psi, Max-1970, ATR-33 bpm, Max-37 bpm, ISIP-1680 psi, 15min-1540 psi, 20min-1500 psi.

Elev.GR - 5392' GL
Elev.KB - 5404' KB (12'KB)

WELLBORE DIAGRAM

DATE : 11/8/95 vk

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 265'
DEPTH LANDED: 277' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs

277' KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5747'
DEPTH LANDED: 5751' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 700 sxs
CEMENT TOP AT: 880' KB

TUBING

SIZE/GRADE/WT.: 2-3/8", J-55, 4.7#
NO. OF JOINTS: 190 jts (5587')
TUBING ANCHOR: none (?)
NO. OF JOINTS:
SEATING NIPPLE: 2 7/8" x 1'
PERFORATED SUB: 2 7/8" x 4'
MUD ANCHOR: 2 7/8" x 30'
STRING LENGTH: 5622'
SN LANDED AT: 5633' KB

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 1 - 3/4" x 2' Pony
2 - 3/4" x 6' Pony
2 - 3/4" x 4' Pony
33 - 3/4" x 25' Scraper
189 - 3/4" x 25' Plain
STRING LENGTH: 5588.5'
PUMP NUMBER:
PUMP SIZE: 2" X 1-1/2" X 16' RWBC
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT: LUFKIN M 114D-173-74
PRIME MOVER: ARROW C-106
Hefrocarbon, CBL - GR
LOGS: CAL, Comp. Density
Hefrocarbon, CBL - GR

ACID JOB /BREAKDOWN

5577' - 5596' 7/22/82 Acidize w/ 1000 gal
& 5518' - 5528' 7-1/2% HCl
4094' - 4099' 7/83 4000 gal 2% KCl and ball
& 4062' - 4082' sealers.
& 4024' - 4040'

FRAC JOB

5577' - 5596' 7/22/82 1500 gal 7-1/2% HCl followed by
& 5518' - 5528' 28,840 gal KCl gel w/ 38,000# 20/40
& 12,000# 10/20. Flush w/ 5544 gal
2% KCl wtr. SCREENED OUT on flush
ATP-1500psi, Max-3900, ATR-15 bpm,
ISIP-3600psi, 15min-1500, 20min-1500
5451' - 5460' 8/12/82 1500 gal 7-1/2% HCl followed by
& 5392' - 5422' 45,500 gal KCl gel w/ 62,000# 20/40
& 4,000# 10/20. SCREENED OUT on
10/20 sand.Flush w/ 1470 gal 2% KCl
& 5369' - 5385' ATP-1500 psi, Max-3500, ATR-25 bpm
ISIP-1700 psi, 15min-1650, 20min-150
4706' - 4717' 8/27/82 1000 gal 7-1/2% HCl followed by 15,50
gal KCl gel w/ 20,000# 20/40 & 8000#
10/20. ATR-10 bpm,Flush w/ 4032 gal
2% KCl wtr. ATP-1800 psi, Max-4000#,
ATR-10 bpm, Max-11, ISIP-2500 psi,
15min-1600 psi, 20min-1500 psi
4094' - 4099' 7/83 1500 gal 7-1/2% HCl followed by
& 4062' - 4082' 67,000 gal KCl gel & 162,000 #
& 4024' - 4040' 20/40 sand, Flushed w/ 4000 gal
2% KCl wtr. ATP-1692 psi, Max-1970,
ATR-33 bpm, Max-37 bpm, ISIP-1680
psi, 15min-1540 psi, 20min-1500 psi.

PERFORATION RECORD

4024' - 4040' 7/83 Y2 2 SPF (16") 33 holes
4062' - 4082' 7/83 Y3 2 SPF (20") 41 holes
4094' - 4099' 7/83 Y3 2 SPF (5") 11 holes
4706' - 4717' 8/26/82 R5 2 SPF (11") 23 holes
5369' - 5385' 8/11/82 B14 1 SPF (16") 17 holes
5392' - 5422' 8/11/82 B1 1 SPF (30") 31 holes
5451' - 5460' 8/11/82 B2 1 SPF (9") 10 holes
5518' - 5528' 7/21/82 B3 2 SPF (10") 21 holes
5577' - 5596' 7/21/82 B3 2 SPF (19") 39 holes

4024' - 4040'
4062' - 4082'
4094' - 4099'

4706' - 4717'

5369' - 5385'
5392' - 5422'

5451' - 5460'

5518' - 5528'
5577' - 5596'

SN Landed @ 5633' KB

PBTD @ 5716' KB
TD @ 5760' KB



EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

Palute Federal #11-17
NW NW Sec.17, T9S, R17E
661' FNL, 664' FWL
Lease #U-3563-A
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

Elev.GR - 5392' GL
Elev.KB - 5404' KB (12'KB)

Proposed Injection Wellbore Diagram

DATE : 3/22/96 JZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 265'
DEPTH LANDED: 277' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs

277' KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5747'
DEPTH LANDED: 5751' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 700 sxs
CEMENT TOP AT: 880' KB

Uinta Formation Surface to 1450 ft.

TOC @ 880' KB

PERFORATION RECORD

4024' - 4040'	7/83	Y2	2 SPF	(16')	33 holes
4062' - 4082'	7/83	Y3	2 SPF	(20')	41 holes
4094' - 4099'	7/83	Y3	2 SPF	(5')	11 holes
4706' - 4717'	8/26/82	R5	2 SPF	(11')	23 holes
5369' - 5385'	8/11/82	B14	1 SPF	(16')	17 holes
5392' - 5422'	8/11/82	B1	1 SPF	(30')	31 holes
5451' - 5460'	8/11/82	B2	1 SPF	(9')	10 holes
5518' - 5528'	7/21/82	B3	2 SPF	(10')	21 holes
5577' - 5596'	7/21/82	B3	2 SPF	(19')	39 holes

TUBING

SIZE/GRADE/WT.: 2-3/8", J-55, 4.7#
NO. OF JOINTS: 3952'
SEAT NIPPLE: 2-3/8" X 1.1'
ARROW SET 1 PACKER: 5-1/2" X 4'
PACKER LANDED AT: 3964' KB

Green River Formation 1450 to 5400 ft.

ARROW SET-1 PACKER
SET AT 3964' KB

4024' - 4040'
4062' - 4082'
4094' - 4099'

4706' - 4717'

5369' - 5385'
5392' - 5422'

5451' - 5460'

5518' - 5528'
5577' - 5596'

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.
PBTD @ 5716' KB
TD @ 5760' KB

Wasatch Formation 5950 ft.

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Palute Federal #11-17
NW NW Sec.17, T9S, R17E
661' FNL, 664' FWL
Lease #U-3563-A
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

Elev.GR - 5392' GL
Elev.KB - 5404' KB (12'KB)

Proposed Plugging & Abandonment Diagram

DATE : 3/22/96 JZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 265'
DEPTH LANDED: 277' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs

277' KB

Permanent P&A marker w/ identifying well information.

Plug No.2 Surface to 377 ft.
Perforate csg at 100 ft below
the surface csg shoe & circulate
100 sx of Class-G Cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5747'
DEPTH LANDED: 5751' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 700 sxs

CEMENT TOP AT: 880' KB

Uinta Formation Surface to 1450 ft.

TOC @ 880' KB

PERFORATION RECORD

4024' - 4040'	7/83	Y2	2 SPF	(16')	33 holes
4062' - 4082'	7/83	Y3	2 SPF	(20')	41 holes
4094' - 4099'	7/83	Y3	2 SPF	(5')	11 holes
4706' - 4717'	8/26/82	R5	2 SPF	(11')	23 holes
5369' - 5385'	8/11/82	B14	1 SPF	(16')	17 holes
5392' - 5422'	8/11/82	B1	1 SPF	(30')	31 holes
5451' - 5460'	8/11/82	B2	1 SPF	(9')	10 holes
5518' - 5528'	7/21/82	B3	2 SPF	(10')	21 holes
5577' - 5596'	7/21/82	B3	2 SPF	(19')	39 holes

Green River Formation 1450 to 5400 ft.

PLUGGING PROCEDURE

Enter the well w/tbg and wash to TD. If the well is not dead, circulate mud with sufficient weight to kill the well. Pump a balanced cement plug using 260 sacks across the Douglas Creek Member of the Green River Formation from TD to at least 300 ft above the upper most perfs. The production csg will be perforated for two feet using 4 SPF at a point 100 ft below the surface csg shoe. Circulation will be established to surface and cement will be circulated to fill the production csg & the annulus from the perforations to surface using 100 sx of class-G cement. The top of the second cement plug will be at the surface & the bottom will be 100 ft below the surface csg shoe. A P&A marker will be set to identify the location.

4024' - 4040'
4062' - 4082'
4094' - 4099'

Plug No.1 TD to 3724 ft.
260 sx of Class-G Cement

4706' - 4717'

5369' - 5385'
5392' - 5422'

5451' - 5460'

5518' - 5528'
5577' - 5596'

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.
PBTD @ 5716' KB
TD @ 5760' KB

Wasatch Formation 5950 ft.